

SCC selects treasurer, lacks vote for chairman

By Burt S. Kaliski

The Student Center Committee elected Mark J. Brine '85 as treasurer but could not reach quorum for election of a new chairman at its regular weekly meeting Sunday.

One of the 12 members present for Brine's uncontested election left before the election of the chairman, making it impossible for either of the two candidates to win without the other's vote. Election of officers requires approval of at least 11 of the 21 members of the committee.

Micheline K. Fradd '85, the former treasurer of the group, and John Mark Johnston '84, the committee's summer chairman, ran for the office. John S. Kowtko '83, former chairman, had resigned at the previous meeting.

Fradd resigned earlier this month from the office of treasurer for personal reasons, leaving Brine as acting treasurer. She refused to comment on her decision to run for chairman after her resignation as treasurer.

Mary Kate Bayalis '86, class secretary, and the member of the committee who left the meeting following Brine's election, said "I personally felt we weren't getting anything done." The election would be more fair if more members attended, she said.

The committee also discussed plans for Thursday night pubs, Friday night concerts, and an October 16 homecoming weekend concert.

The group plans to hold the pubs in Lobdell Dining Hall from 9pm to midnight. Brine suggested the committee pay members \$15 for three hours of bartending, but other members contested the plans, claiming the committee should not pay its own members.

The committee decided to hold the first pub this Thursday, but will not pay its members for bartending.

The committee plans to hold two Friday night concerts, one Sept. 30 and the other Dec. 2, but has budgeted no money for a band for the first one, Fradd said. "The social calendar looks bleak. We should put a lot of money into pubs," she said.

The Student Center Committee approved a motion to budget \$3000 for the concert during homecoming weekend, provided the committee is the sole sponsor.

Fraternities have co-sponsored the event in previous years.

"It's time the committee actually commit itself to something and pull through once," Fradd said. She asked that the members who wanted to hold the concert be willing to work during the concert.

Committee members last year often fought for concert shifts, said William M. Hobbib '86, secretary and acting chairman. "I think it's very important for the committee to pick itself up and throw a concert by itself," he said.

Doctors lecture on herpes and AIDS

By John J. Ying

Three doctors from MIT's medical department discussed the causes and symptoms of herpes and acquired immune deficiency syndrome (AIDS) at a symposium sponsored by the Office of the Dean for Student Affairs Wednesday night.

The term "herpes" changed from an acceptable term to one that denotes a disease "overnight," Robert M. Randolph, associate dean for student affairs and forum moderator, said in his introductory remarks.

An article appearing in *Time* magazine was very influential in making herpes a widely talked-about disease, he continued, and "it impacted rather quickly throughout the Institute."

AIDS also has become a widely discussed and feared disease, Randolph continued. *Newsweek* has run three cover stories about the disease, he said, and "not even Reagan" has been on the cover that much.

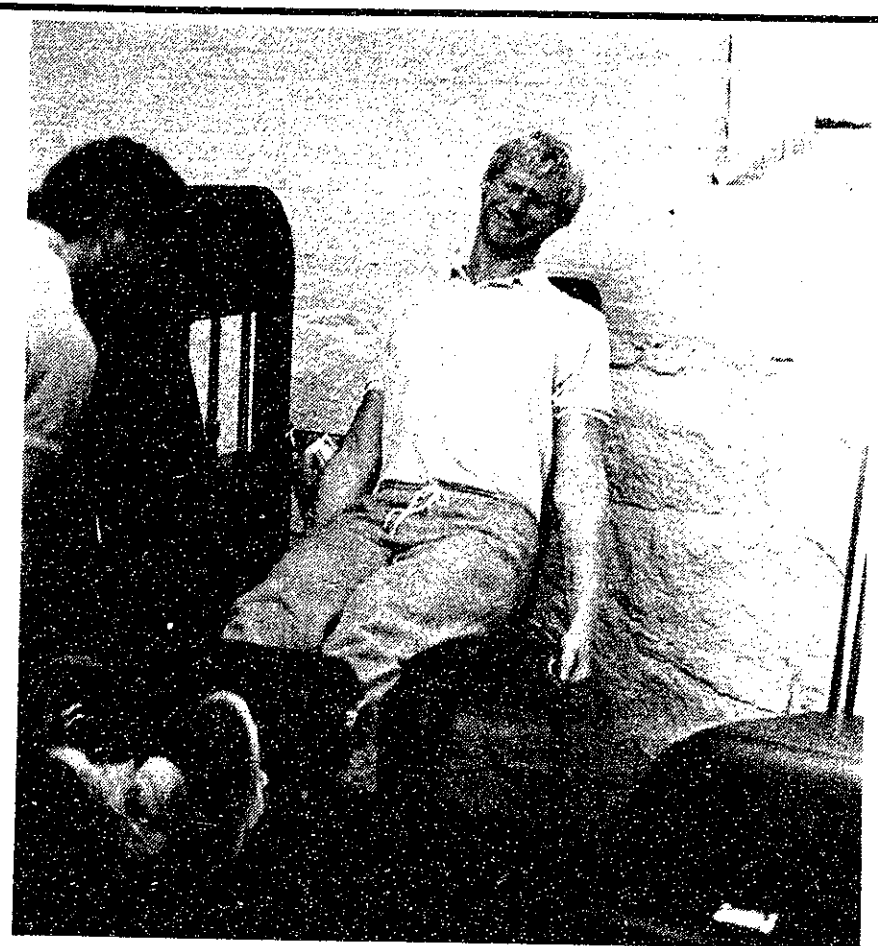
Dr. Mark A. Goldstein, the opening panelist, started his discussion explaining that there are many myths about herpes. He said cases of the disease have been recorded since Roman times.

Herpes currently afflicts as many as 20 million people in the United States with 300,000 to 500,000 new cases each year, Goldstein said.

Two different viruses — simplex I and simplex II — cause herpes, Goldstein said. The viruses have 50 percent of their DNA in common. The type I virus usually causes cold sores and the fever blisters found on children, and the type II virus causes genital inflammations, he said. Either type, however, may also cause inflammations expected of the other type of virus.

The clinical lesions produced by the type II virus usually appear two to 20 days after a pri-

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Tech photo by Grant M. Johnson
The new Nautilus Machine puts a strain on a student's life.

"Hackers" return Edgerton picture

By Ellen L. Spero

The large, framed print of the famous bullet-and-apple strobe photograph made by Prof. Harold E. "Doc" Edgerton '27 and stolen last week was found Friday morning in lecture hall 54-100, according to Campus Police.

The thieves left a note with the print, which they returned undamaged except for the clasp which had attached it to the wall.

"What's up Doc (Edgerton)?" begins the note, which is written on MIT paper and addressed to the Campus Police.

"Sorry about the hack, but at least you got some free publicity for the dedication," it continues. The note is signed "Love, the hackers who didn't paint 'tomb' or break the door. Courtesy of

the Lemming Liberation Organization."

James Olivieri, chief of police, expressed disbelief in the hackers' claim that they did not damage the broken door.

"I can't say that the vandals didn't cause the damage because of the time proximity factor," he said. "The natural assumption is that the damage was caused by the same people who took the print."

"We are just delighted to get it back," said Peggy Carney, administrative assistant to the Department of Electrical Engineering and Computer Science. She is planning the dedication of the new EG & G Education Center (Building 34).

(Please turn to page 2)



Tech photo by Dennis Cuy
Dr. Francis H. C. Crick, co-discoverer of the double helical structure of DNA.

DNA's Francis Crick delivers talk on future of brain study

By David G. Shaw

Nobel Laureate Dr. Francis H. C. Crick, co-discoverer of the double helical structure of DNA, inaugurated the Whitaker College's Distinguished Lecture Series in the Brain Sciences by speaking to a capacity crowd at Kresge Auditorium Thursday.

The lecture, entitled "Thinking About the Brain," was based on Crick's article of the same title which appeared in the Sept. 1979 issue of *Scientific American*. Crick, a relative newcomer to the field of brain research, explained how he came to write the article: "They told me 'We'd love to know what you think about the brain, because you know nothing about it.'"

He then proceeded to dispel the notion by discussing his extensive involvement in the area of visual perception and how the brain processes information received by the eyes. He expressed his confidence in the ability of neuroscientists to explain visual processes and completely map the visual pathways in the brain, a task he predicts will be accomplished within the next five years.

"MIT is in a unique position in the field of brain sciences," Crick explained, "for the great strides being made here in the area of vision processing, and the simultaneous development of analytical and computational models for brain systems."

"Artificial intelligence approaches alone will not provide solutions to the problems of how the brain works," he said. "We

need a greater emphasis on macro-organization of the brain, based on research studies, which can then be applied to problem-solving with computers."

Crick closed his lecture by expressing his hopes for the Whitaker College's plans to develop an extensive program in the field of brain research. "You are all in a very enviable position. Great things will be done here in the next few years; I wish you luck."

inside

Tracy Kidder describes design of a new machine. Page 2.

A la carte dining test underway at Next House. Page 8.

Decipher the secret message and win \$100,000. Page 11.

Rush gives a fast-paced concert in New York. Review. Page 9.

Orphan's *Lonely at Night* is best left alone. Page 9.

Football drops Friday's game despite strong defense. Page 12.

Kidder bares Soul

By Diana ben-Aaron

Tracy Kidder, author of the Pulitzer Prize-winning *The Soul of a New Machine*, explained how he wrote the book and offered remarks on "writing about real people" at a lecture Thursday.

Kidder, a Harvard graduate and regular writer for *The Atlantic*, said his anger at not being able to readily understand science drove him to research and write articles on scientific subjects.

"I was terrified of math and always did very badly at science," he said. "But there are ways of understanding science without knowing calculus. It doesn't cripple you to know very little about the subject you're writing about if you find the right people to explain it to you."

Kidder said he first became interested in computers when his editor at *The Atlantic* suggested he "look into computers" and suggested he approach Tom West, a software engineer at Data General Corporation.

"I knew I didn't want to write a huge book about the computer industry," Kidder said. "I wanted to tell a narrative, one small part. I think the idea of a book — 'I want to write about computers' — is not as important as what you do with it."

Kidder said he gathered the material for his book "mostly by

just hanging around offices and labs in the evenings. It was made clear to me that if I got in the way, I'd be out, so I tried not to get in the way," he explained.

"Clearly, some people [at Data General] felt it was to their advantage" that he write about their work, Kidder said.

While no one at the corporation requested regular progress reports on the book, the firm's vice president at one time requested control of the manuscript, according to Kidder.

"I really don't know what my lawyers said to their lawyers, but I would not trade ultimate control over what I wrote for access to the story. ... I agreed only not to reveal trade secrets," he said.

While the book was going to press, he "had bad dreams about those pieces of paper I didn't sign," Kidder said. "After publication, the company took umbrage with some of the reviewers, but not with me," he noted.

"I wasn't interested in trade secrets, and, as one of the characters in the book said, I didn't know enough to understand them anyway," Kidder commented. He also omitted some personal information about individual characters to protect their privacy, he said. "I drew a distinction between individuals and the corporation."

Kidder spent two years researching the book and nine months writing it, he said. He lived on an advance from *The Atlantic's* publishing company, Atlantic-Little Brown, while researching and writing.

Although Kidder and his editor judged the book would have limited appeal and agreed on a "conservative" initial press run of 30,000 copies, the book sold out following an unexpected review on the front page of the *New York Times Book Review*.

"They ended up printing 100,000 hardcover copies. They printed until they had them sitting around in the warehouse," Kidder said.

Kidder has kept in touch with the main characters in the book, he said. Most of them have left Data General, with the exception of the group's leader, Tom West, now a manager. "He has a big job now," Kidder said. "I feel the exposure has been good for most of them."

"Last night, I got a call from Hollywood about *The Soul of a New Machine*," he said. "I've had these little romances before ...

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"Doc" print is returned

(Continued from page 1)

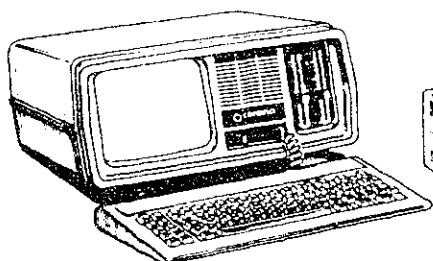
The vandals had stolen the bullet-and-apple print and removed another print from the wall of the first-floor lecture hall, room 34-101, on either the night of Sept. 15 or the morning of Sept. 16.

The two prints will be returned to the lecture hall after the Committee on the Visual Arts makes its recommendations for the future safety of all the prints in the building, and proper security for the prints is established, she said.

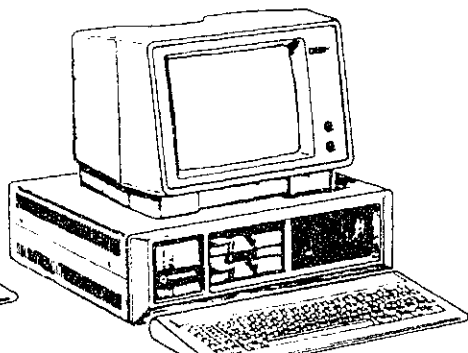
Erratum

The founders of EG & G, Prof. Harold E. "Doc" Edgerton '27, Kenneth Germeshausen '31, and Herbert E. Grier '33 — not the company itself, as stated in *The Tech* [Sept. 20] — donated nearly five million dollars for construction of the center.

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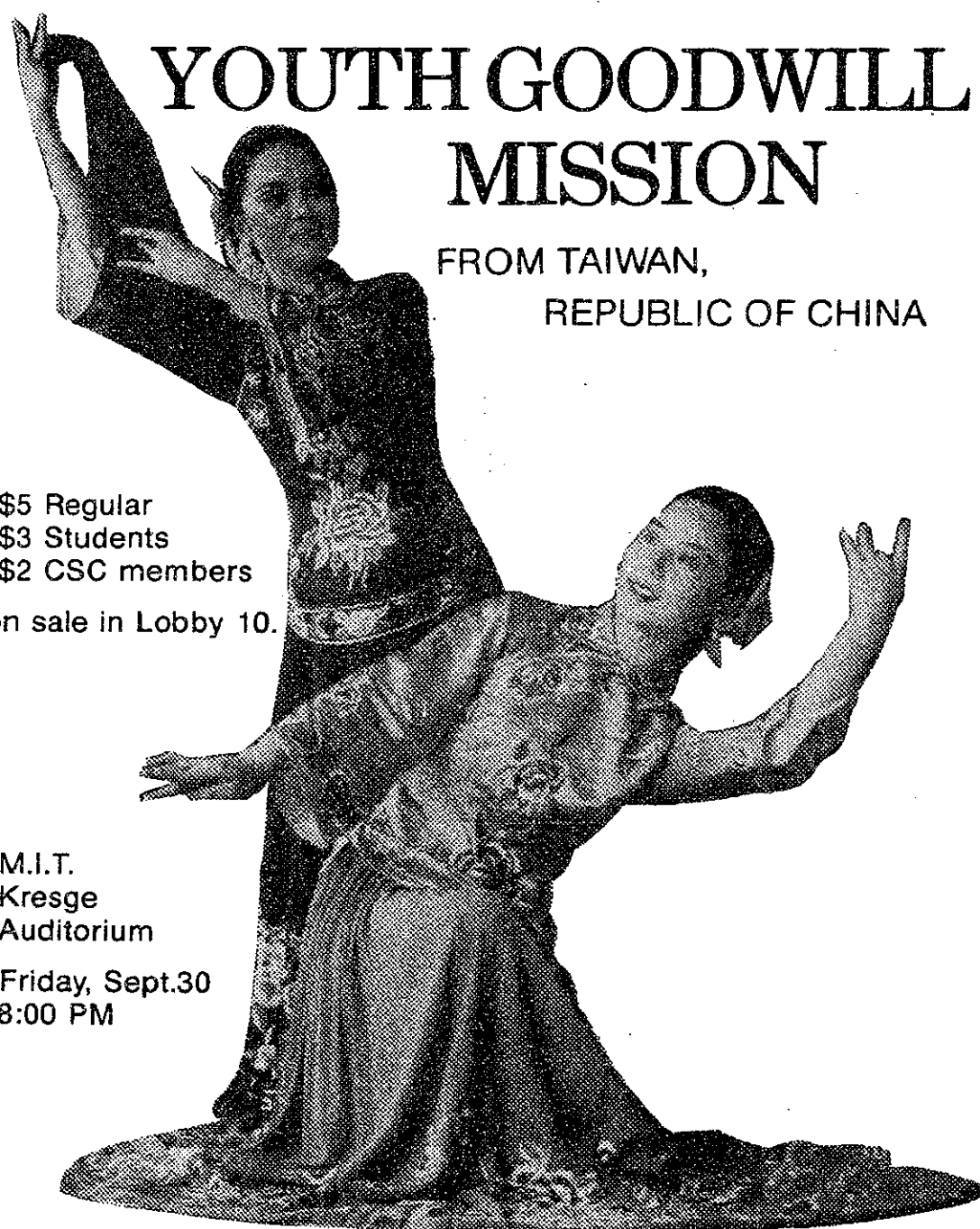
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news roundup

World

Saudi Arabia arranges cease-fire in Lebanon — Syria and Lebanon announced Sunday night they have agreed to a cease-fire planned by Saudi Arabia. The deal should bring an end to the month of fighting near Beirut and prepare ground for a national conference to discuss Lebanese problems. The United States government said the cease-fire is "a first step" in bringing a stable government to Lebanon. Rival factions continued fighting, despite the announcement of the agreement, in an apparent effort to attain the best positions before the cease-fire takes effect midnight Sunday.

IRA terrorists escape from Belfast prison — Thirty-eight Irish nationalists escaped Sunday from the maximum security Maze Prison in Belfast, Northern Ireland. The escapees killed one guard and injured five others during the gun battle and hand-to-hand fighting which led to the breakout. British authorities reported the recapture by nightfall of 10 or 11 of the convicts.

Government troops battle demonstrators in Philippines — Crowds of anti-government demonstrators were beaten back by more than a thousand troops Friday as they attempted to march on the presidential palace. The protests came only a day after President Marcos warned that he would take "extreme measures" against further rioting. Other demonstrations last week left 11 dead and 200 injured.

Nation

Senate committee backs war powers resolution — The Senate Foreign Relations Committee approved Friday a resolution endorsed by the Reagan administration that authorizes deployment of US Marines in Lebanon for an additional 18 months, but reduced the time to six months. The resolution passed by a vote of nine to seven, indicating it may have trouble passing both houses this week.

Local

Angiulo pleads innocent to racketeering charges — US District Court Magistrate Lawrence P. Cohen entered an innocent plea Friday on behalf of the alleged organized crime leader Gennaro J. Angiulo, indicted last week. The defendant said he is seeking to hire attorney F. Lee Bailey, with whom he had planned to meet yesterday.

Sports

Australia II takes America's Cup — Australia II ended 132 years of American monopoly on the America's Cup yesterday, beating the American vessel Liberty to win the best-of-seven competition four matches to three. The Australians won the deciding race by just 41 seconds.

Patriots steal one from Pittsburgh — The New England Patriots registered a 28-23 victory Sunday over the Pittsburgh Steelers at Three Rivers Stadium. The Patriots scored four touchdowns to stay in the game, despite Franco Harris' 106 yards rushing which moved him into second place on the all-time NFL rushing list.

Weather

Sunny skies through Friday — Pleasant weather should stay here for the rest of the week. Partly to mostly sunny skies today and Wednesday, with temperatures between 72 and 76. Thursday and Friday will be dry and warmer.

Paul Duchnowski

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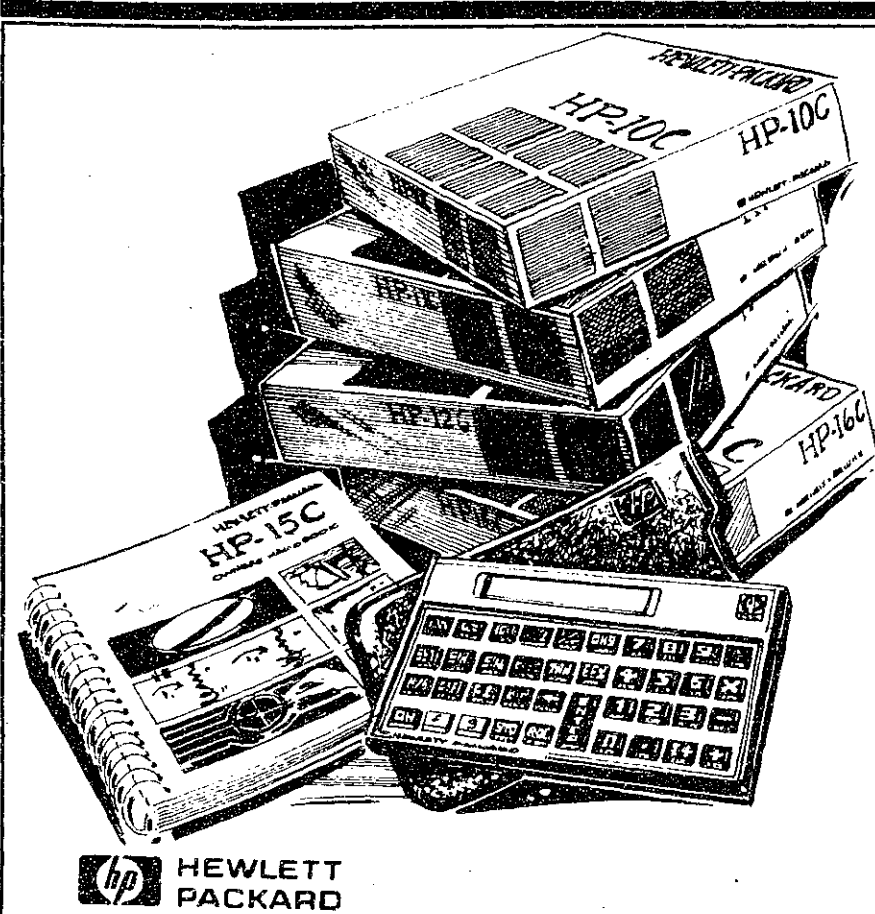
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opinion

Editorial

Conflict of interest raises other issues

The elevation of Andrew M. Eisenmann to a job as part-time staff assistant in the Office of the Dean for Student Affairs in addition to his role as director of the Student Art Association establishes a severe conflict of interest and bodes ill for the future of student control of student activities.

Eisenmann and Assistant Dean for Student Affairs Stephen Immerman both say Eisenmann is *de facto* leader of the Student Art Association. He determines policy for the group and strongly influences the group's role in the Association of Student Activities.

Recent decisions of that body have frequently run counter to the desires of the Dean's Office, and it has already stepped in to block them. For Eisenmann to exercise authority within a recognized student activity, hence in the Association of Student Activities, while also in the employ of the Dean's Office, clearly violates the MIT Corporation's historic commitment to the independence of student organizations.

Eisenmann's promotion highlights several crucial issues facing MIT student government and activities:

- The status of organizations as "student activities." The Association of Student Activities, charged with recognizing — and derecognizing — MIT student activities, seems to do little more than wield a rubber stamp.

Immerman last week said the Student Art Association is not an active, viable student organization, and claimed that a "Student Center Art Studio" runs the facilities and sponsors most of the art classes in the Student Center. That name, however, has not previously appeared in word or print, and to this day does not appear in advertisements for classes and facilities of the Student Art Association.

Who, then, runs the various student activities? Who determines the needs and priorities of the student population?

- The shortcomings of the Association of Student Activities. Its responsibilities also include assigning office space and advocating the interests of its member organizations. Why has the Association of Student Activities been unable to perform its duties?

- The role of the Dean's Office in student activities. The Dean's Office claims it is supporting them, but that support in recent years has included blocking redistribution of office space, requiring student activity leaders to attend countless meetings, and generally imposing more control over student organizations. What is the appropriate role of the Dean's Office in student activities?

- The absence of centralized student leadership. The Undergraduate Association president is ostensibly the elected voice of the student body. No recent president has been able to build a consensus, let alone effect change, on any of the issues central to student government and accountability. The current president, Michael Witt, has failed even to address these issues. Can the Undergraduate Association president effectively lead student government, and student opinion?

- Lack of input from the student body. Most student organizations, from living groups to Undergraduate Association committees, operate with little or no input from their constituents. These groups control significant resources, financial and otherwise. How can students exercise control over how their money is spent, how their resources are allocated and used?

Student leaders and members of the faculty and administration have spent much time in recent years discussing these problems, but have acted decisively on none. Student activities are an important supplement to academics, but their administration should be separate from that of the Institute. The Dean's Office should have little to do with the affairs of student groups, yet its influence grows. Unless students and leaders of student activities work together under a strong, common leadership, to show the Dean's Office its influence is neither wanted nor needed, the future of the independent student activity is rather bleak.



Column/Simson L. Garfinkel

Misrepresentation and fear fuel nuclear-free measure

Nuclear Free Cambridge Mobilization for Survival is a group that has not fully considered the consequences of its actions.

The organization is backing a referendum known as "The Nuclear Free Cambridge Act," an attempt by some misguided citizens of Cambridge to prohibit the "research, development, testing, evaluation, production, maintenance, storage, transportation, and/or disposal of nuclear weapons or the components of nuclear weapons" in Cambridge. The ban would apply to every "person, corporation, university, laboratory, institution, or other entity" in the city.

To me, that says that MIT isn't allowed to teach any more courses on nuclear devices or nuclear war, since both of these require "evaluation" of "nuclear weapons." If MIT decides to break the law and teach the courses anyway, the act prescribes imprisonment of 60 days or a fine of \$5000, for each day of classes. That's slightly more than tuition. And I haven't even mentioned research. Or the Draper Labs.

Why does this group want to make Cambridge nuclear-free? Because the people in the group do not feel comfortable with technology they cannot understand. They would rather have Draper Labs researching school buses than nuclear bombs. Their proposition states that the presence of "nuclear weapons facilities in Cambridge makes Cambridge a priority target in the event of a nuclear war." This perceived threat disturbs their "psychological health." Further, they believe that since they are not currently prohibiting this research, they are endorsing nuclear war.

Lastly, they think "the use of resources for nuclear weapons prevents these resources from being used for directly needed human services, including child-care, emergency services, housing, schools, health care, public transportation, public assistance, and jobs." As I said, they want Draper making school buses. These people can understand school buses.

But Nuclear Free Cambridge goes farther than simply saying the resources currently being used for nuclear weapons should be used for other purposes: They make it mandatory. It is this

point which has the shallowest rational basis, but makes the referendum potentially more dangerous than a simple ban on research.

The proposal states that the "funds, personnel and other resources [currently involved in nuclear weapons], are mis-directed, and should be re-directed towards" the above-mentioned areas. The act even establishes a committee to oversee the redirecting.

I do not think any of the nuclear engineers at MIT consider themselves "resources" that are "mis-directed." I do not think it particularly moral to think of people as resources. I do not know why the people who are sponsoring this act think it is a good thing to have researchers driving buses. Perhaps they have to wait 10 minutes for a bus in the morning. If so, more bus drivers should be hired; people shouldn't be "re-directed."

MIT has already filed a friend-of-the-court brief against the proposed act. Unfortunately, MIT may only challenge the act's constitutionality, not its morality, in a court of law. Even more unfortunately, it now seems that the papers MIT filed are meaningless since the Cambridge City Council has voted to place the referendum on the November ballot.

It is not MIT, but the people of Cambridge who must challenge the moral basis of this proposal. Clearly, the Nuclear Free Cambridge Act assumes that it is a society's inherent right to redistribute private property and even private citizens as the public sees fit.

A democratic society does not own its individuals. American democracy recognizes property rights, and recognizes that individuals and groups have the right to engage in any type of research or other activity they choose with their own resources.

The nuclear-free mandate would have ignorant fear prohibit research and production. It would create a precedent which could be invoked to ban genetic engineering, computer development, and other new technologies.

Regardless of how irrational or unfounded the populace's fear is, Nuclear Free Cambridge says it poses a psychological health hazard to the people of the area, and that is sufficient grounds for the

ban. The US Nuclear Regulatory Commission almost made the same mistake when considering the relicensing of the Three Mile Island nuclear power plant in Harrisburg, Pa. The public's fear of that project was finally decided not to be valid grounds for preventing startup.

Defendants of the Cambridge referendum claim it forbids research and production of the "evil" uses of nuclear power, but still allows — in fact, explicitly provides for — its peaceful uses, like medicine, clocks, and things like that. The authors believe it is their right to pick and choose which fruits of nuclear technology society should harvest.

While it is possible to pick and choose among existing nuclear technologies, today's technologies are partially the result of military research. Banning of such well-funded research places a potential limit on future, non-military uses, which may not yet be evident.

If the citizens of Cambridge retain any trace of rationality, the proposal will fail miserably. If not, fear of the unknown and misinterpretation of the known — the very seeds of this referendum — will choke scientific inquiry everywhere.

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

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

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

All submissions should be typed, double spaced, on a 57-character line and bear the authors' signatures. Unsigned letters will not be printed, but authors' names may be withheld upon request. *The Tech* reserves the right to edit or condense all letters.

TheTech

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Opinion

Guest Column/Erik A. Devereux

Taking more than a passing interest

MIT is a very contradictory institution. It is extremely expensive and attending it often puts great strain on the finances of students and their parents. It is gaining importance in the politics and economy of the United States with the ascendancy of high technology. It engages in broad educational experiments like freshman pass/no credit, the humanities, arts and social science requirement, ESG, Concourse, and Project Athena.

Despite tremendous efforts on the part of MIT and the various student activities, it is still socially unbalanced, with the pace and pressure and four-to-one male/female ratio adversely affecting the ability of students to make the transition from being children to being full-fledged adult members of society.

MIT also has an ambivalent student body that rarely attempts to participate in major MIT policy decisions. While there are many controversies and conflicts surrounding MIT, and a lot of room for debate over substantive issues, there has generally been minimal student participation in the various forums and presentations offered by the Institute on some issues, and very little initiative to participate in other, more spontaneous platforms not offered or sponsored directly by MIT.

The only time massive student interest and involvement materializes is during extreme crises when it is almost too late to organize and present the student viewpoint effectively. The recent problems involving the Solomon Amendment are a perfect example of this phenomenon.

The students' ambivalence is more frustrating because the administration is often willing to listen and debate the issues, and if students were to present their views effectively there could be a productive dialectic. Even some in the administration wonder openly why there is so little student interest and participation.

The problem is that such a dialectic is not guaranteed from the start, and this lends support to the position that no matter what the students say, MIT will steer its course as it sees fit. The MIT student body should attempt to participate even if only because \$15,000 a year entitles each and every one of us to some representation in the formation of Institute policy. When MIT recently took a stand on the nuclear-free Cambridge referendum, it sought no input from students and it received none.

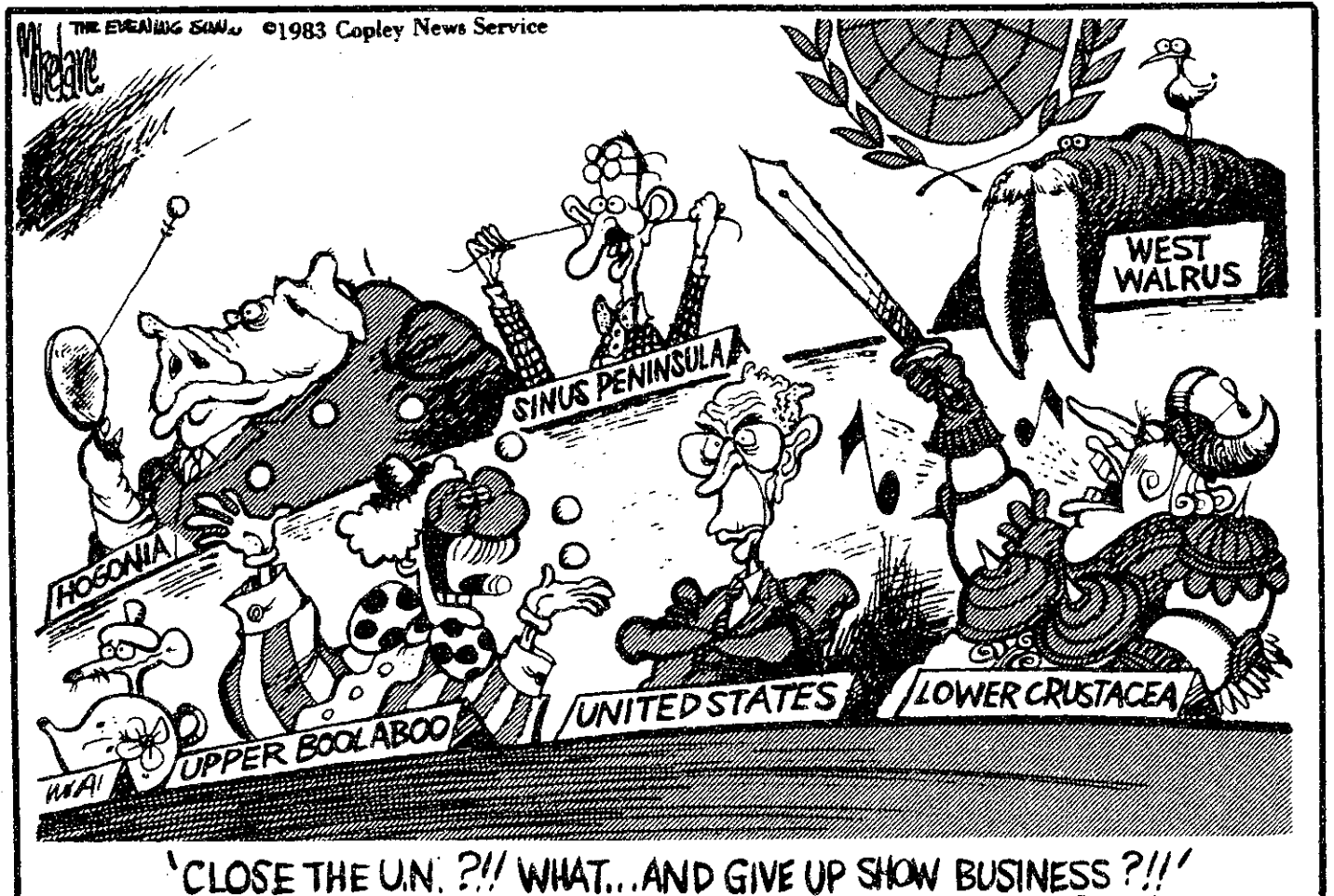
Another reason for taking more than a passing interest in what is happening at MIT is that several crises lie before us. The more immediate of these are:

- What is going to happen to MIT's financial aid policy if the federal government continues to lower its commitment to higher education? How much longer can MIT afford to avoid a policy of need-based admissions?

- What will happen to educational freedom at MIT if enrollment in Course VI continues to expand? A lottery last year removed most freshmen from Structure and Interpretation of Computer Programs (6.001). This year, the department flushed sophomores from Laboratory for

Software Engineering (6.170). Will MIT be able to guarantee all students the freedom to pursue whatever majors they wish, or will it be forced to impose some constraints?

These issues already affect the MIT student body; they will continue to be of supreme importance. Their outcomes are not yet determined. The more student involvement in them — and other issues — the better. MIT is not a large school. There is no reason that students' opinions should not be heard, considered, and included in the formulation of Institute policy, but those opinions will not be solicited. Students must actively offer them.



feedback

Issue not just freedom of expression

To the Editor:

Pornography and its impact on people, particularly women, is a matter for debate and should be, intertwined as it is, with concern about freedom of expression. I have opinions on the topic and will share them as time permits with anyone interested.

The issues relating to the Lecture Series Committee registration day movie, in my opinion, go well beyond freedom of expression. Simply put, I don't feel it appropriate to show a motion picture raising these issues at a moment when we are welcoming new members to the community, purportedly attempting to make them comfortable. None of us as individuals would greet new acquaintances at the door of our home and then, before sitting down, introduce a display of pornography. It is a subject of delicacy or discomfort to many that would be dealt with only after a

stronger relationship has grown.

Another concern is that the hype surrounding the matter, while perhaps understood generally by our community, will clearly not be understood outside of it. One of my personal and professional goals is that MIT's image reflect its reality. I would not want the surrounding community — which extends around the world these days — to form an impression of MIT from the insensitive showing of that movie and the rhetoric that has developed around it.

Thirdly, some women are brutalized by pornographic films. In as much as this is so, MIT's position on the issue, be it articulated by the administration, the faculty, or by the students' actions, impacts on our ability to welcome new students, male or female. The message now is that MIT is insensitive to women. I'm prepared to protect freedom of ex-

pression, but not if the price is to make women feel less welcome at MIT.

September is not the time for either the movie or the discussion. We must at all times be sen-

sitive to those around us. Freedom of expression does not include the right to degrade women.

Peter H. Richardson '48
Director of Admissions

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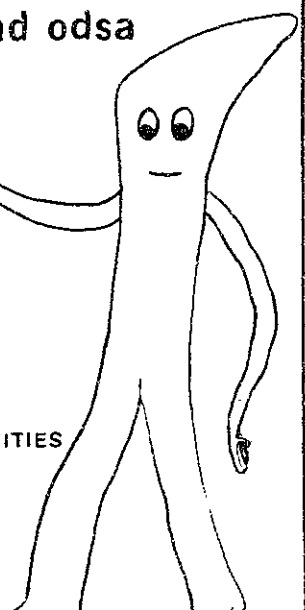
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feedback

LSC sponsored lecture

To the Editor:

Just thought that your readers might want to know who sponsored the Isaac Asimov lecture your paper reviewed last issue [Sept. 23]. It was, in fact, the MIT Lecture Series Committee (This

group is the same as "The MIT Lecture Series" which sponsored the Laser Show on Monday.).

Tim Huckelbery '84

Lecture Director

MIT Lecture Series Committee

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Opinion

feedback

Libraries head defends fee, reserve decisions

To the Editor:

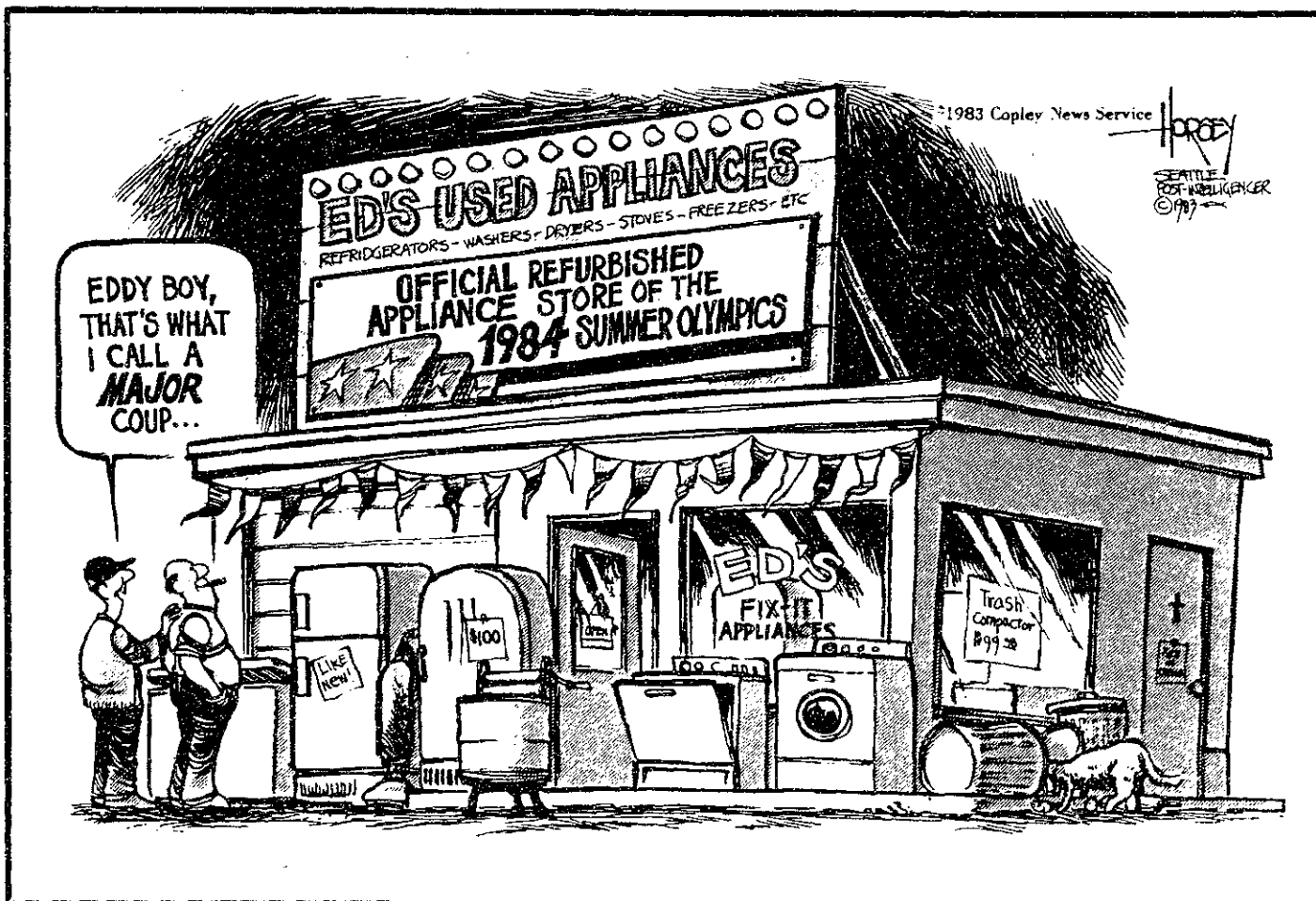
Recent articles and editorials concerning changes in policies of the MIT Libraries contain factual errors and misinterpretations of statements, especially with regard to the decision-making process.

Decisions regarding reserve collections in the Student Center Library and increases in fines and photocopying fees were not made by an "ad hoc library task force" but rather as part of the regular budget process. These decisions were reviewed with, and approved by, the Faculty Committee on the Library System that includes in its membership two graduate students and two undergraduates, as provided for in the *Rules and Regulations of the Faculty*. The decisions were also reviewed by the Academic Council and were approved by the Institute Administration. The library task force to which I referred in conversations with *Tech* reporters was established to develop a series of options in connection with the nature of collections in the Student Center Library. Once this review has been completed, members of the Libraries' staff will be meeting with the Student Center Committee to

discuss various alternatives prior to making any major decisions.

The decisions made during the budget process were both difficult and unavoidable. The Libraries are faced with a substantial decrease in operating funds coupled with continuing inflation in the cost of materials and services. Every effort was made to minimize the impact of these changes upon our users while, at the same time, enabling us to continue to acquire books, journals and other materials needed to support education and research at the Institute, and to provide reasonable hours of access and essential services.

Jay K. Lucker
Director of Libraries



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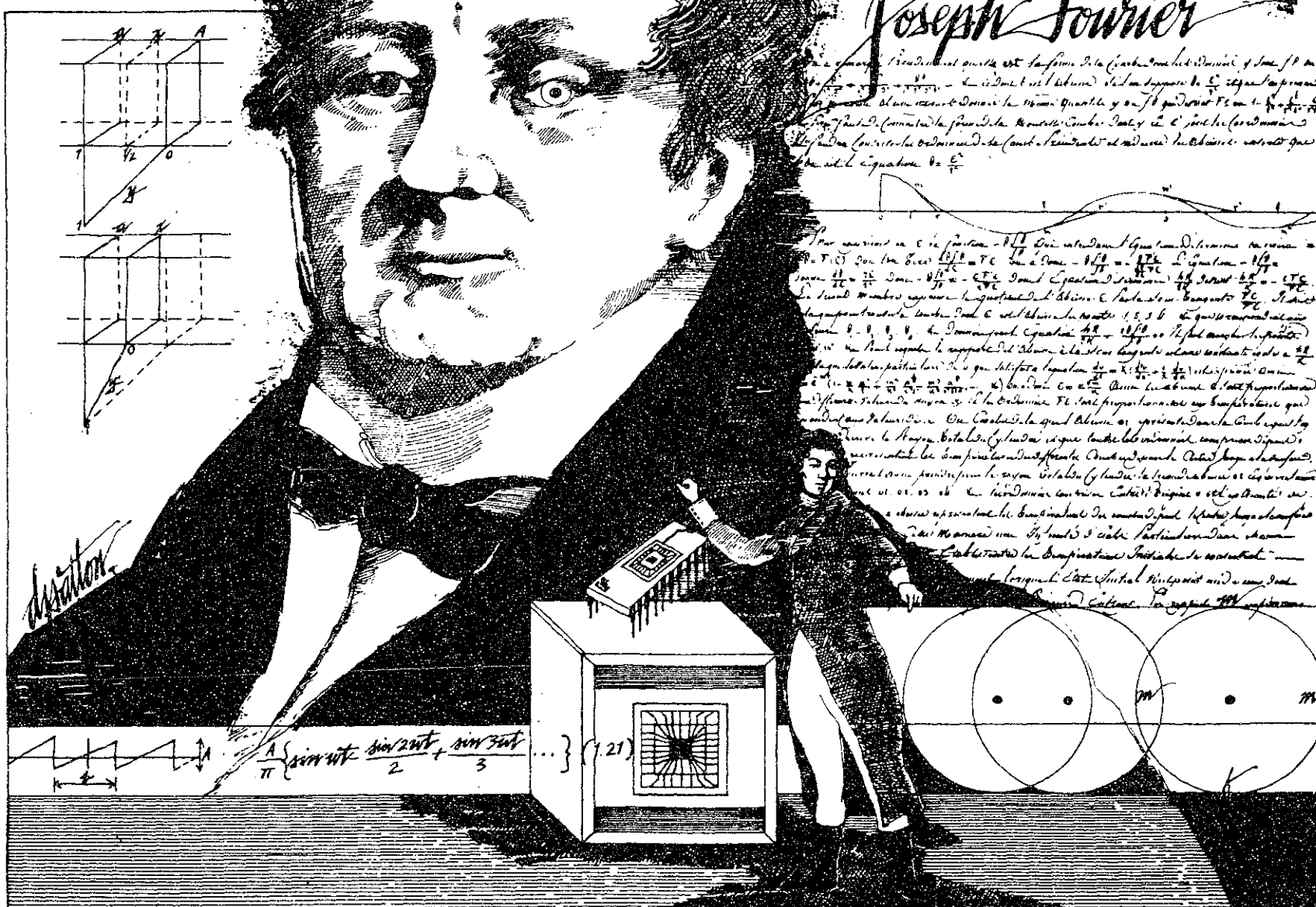
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Next House testing a la carte service

By Ben Tien

The dining hall at 500 Memorial Drive is serving food à la carte to its patrons this term, as part of a year-long experiment by MIT Housing and Food Services.

House residents voted almost unanimously for the change in commons meals last year. The Dining Advisory Board, a committee which consists of students, faculty members and dining service representatives, also approved the change.

"A few years ago," explained George Hartwell, associate director of housing and food services, "there had been a movement on campus to change the entire commons system to à la carte. I think that the project will answer some important questions: Can an à la carte house support itself, and do the students appreciate à la carte?"

Dining Service decided to

Herpes, AIDS described by MIT medical panel

(Continued from page 1)

primary infection of the disease, although it is possible to be infected without surface inflammations, Goldstein said.

The body then develops antibodies which combat and eliminate the surface blisters within three weeks after their appearance, he continued.

The virus does not permanently disappear, but instead enters a dormant, non-contagious stage during which time the virus retreats into the nervous system, he said.

The infected person may then have recurrent bouts of surface blisters after the disease has entered the dormant stage, Goldstein said, but the bouts will be less severe than the primary infection. The recurrences are unpredictable, he said, and some people never have one.

The primary infection of genital herpes is very painful and will make a person, especially a woman, very sick, Goldstein said. Meningitis, encephalitis, and possibly cervical cancer are all unlikely complications of a primary infection, he said.

Kidder tells about book

(Continued from page 2)

but this director looks substantial and seems interested." The director's offer was tempting, he said, but "I hope he won't engage in fantasies about their sex lives."

The Soul of a New Machine was not the book he intended to write, Kidder said. "I really wanted to write a book about a corporation executive, but I couldn't get access to a corporation executive who was willing to tell me his story."

Access to Data General's research was a privilege, Kidder said. "It's very unusual for a firm to let you into their [research and development] basement."

"Now I can pretty much do anything I want to," he declared. "Of course, if I write a book that's not successful, things won't be so friendly."

Kidder is currently writing a book about seven people building a house. "It sounds prosaic, but actually it's pretty lively, pretty dramatic," he said.

Asked "Would you like to have your son or daughter go to MIT?" Kidder said "Sure, if that's what they want out of life."

"It's a fad to think of technology as a separate sector of human affairs. You have to look at the society from which technology sprung," he added.

make 500 Memorial Drive the only à la carte house this year because its serving area was more adaptable than those in other dormitories, Hartwell said.

"The physical layout would have been a problem in the other dorms," he said. "There just wasn't enough room to lay everything inside the serving area at Baker or MacGregor."

Peg Rodger, manager of the Next House dining facility, said that the response to the new system has been relatively positive.

She said the few criticisms she heard have dealt with the high prices of beverages — 50¢ for an eight-ounce glass of juice, for example — and the cheaper prices of commons breakfasts.

This is the first year in which all undergraduate students living in 500 Memorial Drive, Baker, McCormick, and MacGregor Houses are under the mandatory commons plan.

Dr. Elaine L. Shiang, the second panelist, described a current theory of the cause of AIDS. The disease is the result of an acquired imbalance in the immunity system which results in the loss of T-lymphocytes, she said. Normal humans have more T-helper lymphocytes than T-suppressor lymphocytes, but AIDS victims may have more than three times as many suppressors as helpers, she said.

The weakened body is attacked by such rare diseases as Kaposi Sarcoma and P. Carini Pneumonia, which take advantage of the crippled immune system, Shiang said.

The clustering of cases and the occurrence of the disease in people exposed to infectious blood, semen, and other secretions suggest a transmissible agent causes the syndrome, Shiang explained.

The disease is presently treated by a variety of methods such as chemotherapy, lymphokines and immune stimulation, and microbiologic diagnosis and prescription, she said.

There is "no chance you will get AIDS by donating blood," Shiang said. "AIDS is a very hard disease to catch. Thus casual contact — a kiss or two, or an exchange of towels" should not transmit the disease.

Dr. John M. Moses, the final panelist, said the number of AIDS cases is increasing exponentially. There will be 20,000 cases in 1985 if the present rate of growth continues, he said. He emphasized he was not making a prediction.

AIDS has made a substantial social impact on both heterosexuals and homosexuals, Moses said. Some homosexuals have resumed hiding their sexuality as a result of increased discrimination since the outbreak of AIDS, he said.

There is "no data [to suggest] one sexual act is more likely to cause AIDS than another sexual act," Moses said. AIDS victims, however, have more sexual partners than other people, he added. AIDS victims averaged 61 partners a year, while a control group of healthy homosexuals averaged only 26 partners a year.

"There is no particular way [the Centers for Disease Control] can account for the fact that homosexuals get AIDS," Moses said. "Lesbians don't get AIDS, nor do prostitutes."

"... I won't speculate on why Haitians get AIDS — except it doesn't have anything to do with homosexuality," he added. "One thing is reassuring: ... Casual contact won't give AIDS."

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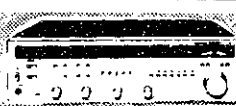
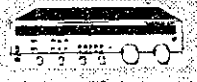
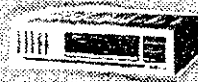
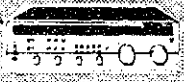
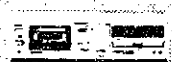
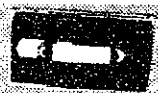
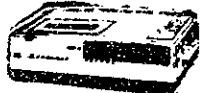
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Rush to the new world tour

Rush in concert at Radio City Music Hall, New York City, Thursday, September 22.

Die-hard Rush fans and music fans of all types would enjoy the live delivery of this trio's newest tour. Rush's two hour presentation in New York City last week may have been a preview of a forthcoming Boston area concert, and advance publicity for their soon-to-be-released new album.

The show opened with a fast-paced version of "The Spirit of Radio," which blended nicely into "Tom Sawyer." Both cuts were favorably painted with vocal improvisation and driving percussion, paving the road for the rest of the concert. Much of the material was taken from the most recent *Signals* album, with the mix of tunes concentrating on the trio's current songwriting style, which began with the *Permanent Waves* LP.

Rush has toured annually for over seven years, polishing a stage show that combines slick confidence with a flair for jazzy improv and spontaneous energy. Each concert dispels fears that touring tedium may finally have taken its toll on the band. Even the fourth show of a six day stand at Radio City Music Hall made it clear that Rush still enjoys their tours as well as their extensive studio work. Songs from the band's last six studio albums were artfully intermixed, many fitted with live non-album improvisation. Bassist/vocalist/keyboardsist Geddy Lee has mastered use of the digital sequencer, managing to blend plenty of studio synthesizer work into the concert setting.

Radio City's atmosphere and set was ideal for lighting and sound. High curtains

hid the lighting boom, and a projection screen behind the stages provided for an excellent stage show. The white carpeted stage and backing screen allowed bright colorful lighting which was expertly timed with musical changes. Films and graphics were projected from behind the screen to accompany several songs. "Red Barchetta" and "Subdivisions" had cartoon and movie backing, and "The Weapon" was introduced with a politically sarcastic film.

Excellent timing and color selection made the visual show entertaining, if the musicians themselves were not interesting enough. This was sometimes the case, as Lee and guitarist Alex Lifeson often found themselves locked behind a plethora of keyboards and bass pedals. Drummer Neal Peart's virtuoso percussion work always provides an exciting focus, especially when mixed with his array of flawless stick passing, twirling and throwing.

Three unreleased tracks were mixed among the familiar songs from past albums, all of which seemed to evolve past the pop-ish sound of *Signals*, yet still maintaining the direction set by the most recent recordings. The new tunes complete a cycle of Rush songwriting, from the progressive instrumental style of *Permanent Waves* through the electronic blend of *Moving Pictures* and *Signals*.

"Red Sector A" is an eerie, dark sounding cut which may turn out to be Part I of the "Fear" series, which includes "Witch Hunt" and "The Weapon." The next two newcomers were energetic rockers, broken from arena-rock standards by Rush's patented percussion variations. Both "The Body Electric" and "Kid Gloves" seemed



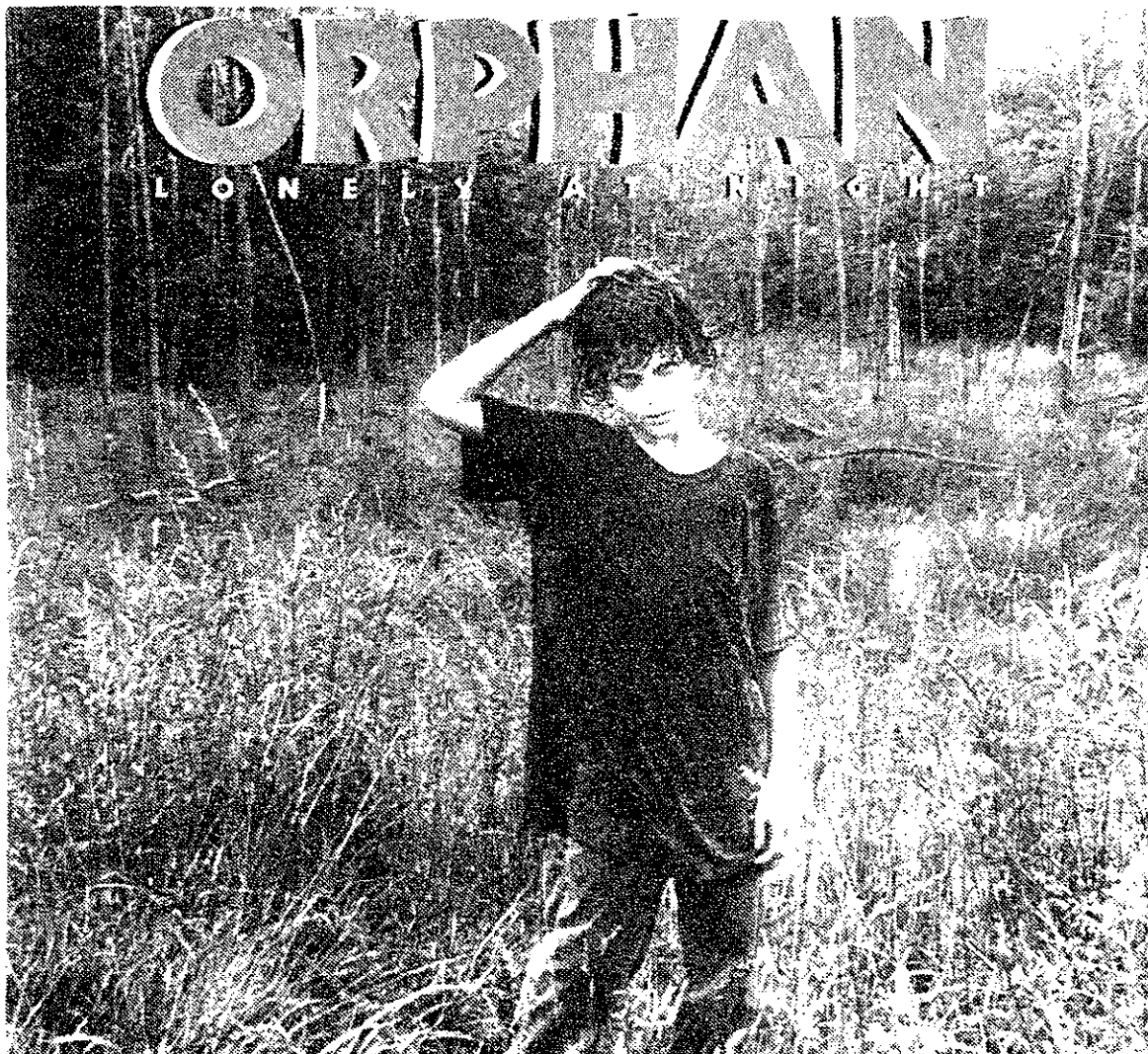
to elicit a more substantial lead guitar sound from Lifeson: While past albums have displayed his subtle genius, the newer cuts held more space for his electric guitar work.

Overall, the show was a well rounded blend of songs, from a medley of "2112," "Xanadu" and "La Villa Strangiato" to

"In the Mood," to new cuts. The light show and projection screen were handled very well giving the concert a strong delivery and an assurance that upcoming shows for the next album will be nothing less than that — shows.

Ron Norman

Substandard music, more Orphan than not



Lonely at Night, Orphan on Portrait Records.

When a band includes its hair stylist in its list of album credits, you can be fairly sure that the venture is more commercial than artistic in nature. Such is the case with Orphan's debut album, *Lonely at Night*.

This four-piece outfit follows quite closely in the footsteps of fellow Canadians Loverboy. Brent Diamond's keyboard work is as pervasive as it is rudimentary; he only departs from providing a droning aural backdrop to commit idiocies like his intro to "Night Parade," a collection of beeps and whooshes that would be right at home in a bad SF movie. Steve McGovern's guitar playing consists of formulaic high-pitched leads and an all-too-familiar gritty, distorted rhythm guitar, with whose like third-rate hacks have been dishonoring Dave Davies' innovative work since he first played "You Really Got Me." Bassist/lead vocalist Chris Burke-Gaffney has a quite ordinary voice which is noticeably strained in reaching the high notes, and, with drummer Ron Boisvenue, makes up an unvaryingly leaden rhythm section.

Perhaps they shouldn't be judged too harshly for their dismal instrumental unoriginality, however; based on "Saved By the

Bell," that may be the best they can do. This song finds the band attempting to extend themselves slightly beyond the bounds of Top 40 hard pop, into watered-down "adult/contemporary" funk. Even this unambitious goal proves too much; the rhythm section's funk falls flat, and Burke-Gaffney's falsettoed "ooh-ooh-ooh"s are thin and unconvincing.

Orphan's lack of instrumental creativity or artistry is matched by their lyrics — but let them speak for themselves:

You've been treating me rough
But I guess I'll have to take it
'Cause you think I'm tough
For you I'm gonna fake it
(from "What kind of Love Is This")

Why won't you move a little closer?
Why won't you take another chance?
It's no use, don't try to fight it
Let's see how long that you can last
(from "All Over the World")

In an apparent attempt at a world's record, the line, "It's the way I feel," is repeated eight times in a row in "Miracle," the obligatory ballad.

I'm sorry to say I rate this band's chances of commercial success as fairly good, but in aesthetic terms, the old saying holds true: "Success has a thousand fathers, but Orphan is a failure."

Mark Pundurs

On-the town

The Flying Karamazov Brothers, the world's zaniest juggling/comedy troupe, has crash-landed in Boston for a two-week run at the Wilbur Theatre. Don't miss the chance to see these lobster-tossing buffoons, call 423-4008 for ticket information.

The Harvard Square Cinema also continues its International Director's Festival with a pair of double features: Ermanno Olmi's *Tree of the Wooden Clogs*, Tue.-Wed. Sept. 27-28, and Francois Truffaut's *Stolen Kisses* and *Small Change*, Thu.-Fri., Sept. 29-30. For information call 864-4580.

Howard Devoto, former vocalist for the Buzzcocks and Magazine, inaugurates his solo career with an American tour beginning in Boston, at the Paradise, Thursday, September 29, at 8:30 pm. For ticket information call 254-2052.

Off the Wall presents Jean-Luc Godard's *Breathless* (yes, the original version), now through September 29. Shows nightly at 7:50 and 10 pm, Sat.-Sun. matinees at 2:30 and 4:40 pm. For information call 354-5678.

Talking Heads at the Providence Civic Center, Tuesday, October 4, at 7:30 pm. Tickets are \$10.50 & \$11.50.

The Metropolitan Opera House presents *An Evening of Guitar* with Al Di Meola, John McLaughlin, and Paco DeLucia, with special guest Steve Morse, on Friday, September 30, at 7:30 pm. Tickets are \$13.75 & \$12.75.

This weekend's LSC movies:
Add Now for Something Completely Different, Friday, 7 & 9:30 pm, 26-100.
Ghandi, Saturday, 6 & 10 pm, Kresge.
The Mouse that Roared, Sunday, 6:30 & 9 pm, 26-100.

Next House testing a la carte service

By Ben Tien

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House residents voted almost unanimously for the change in commons meals last year. The Dining Advisory Board, a committee which consists of students, faculty members and dining service representatives, also approved the change.

"A few years ago," explained George Hartwell, associate director of housing and food services, "there had been a movement on campus to change the entire commons system to à la carte. I think that the project will answer some important questions: Can an à la carte house support itself, and do the students appreciate à la carte?"

Dining Service decided to

Herpes, AIDS described by MIT medical panel

(Continued from page 1)

mary infection of the disease, although it is possible to be infected without surface inflammations. Goldstein said.

The body then develops antibodies which combat and eliminate the surface blisters within three weeks after their appearance, he continued.

The virus does not permanently disappear, but instead enters a dormant, non-contagious stage during which time the virus retreats into the nervous system, he said.

The infected person may then have recurrent bouts of surface blisters after the disease has entered the dormant stage, Goldstein said, but the bouts will be less severe than the primary infection. The recurrences are unpredictable, he said, and some people never have one.

The primary infection of genital herpes is very painful and will make a person, especially a woman, very sick, Goldstein said. Meningitis, encephalitis, and possibly cervical cancer are all unlikely complications of a primary infection, he said.

Kidder tells about book

(Continued from page 2)

but this director looks substantial and seems interested." The director's offer was tempting, he said, but "I hope he won't engage in fantasies about their sex lives."

The Soul of a New Machine was not the book he intended to write, Kidder said. "I really wanted to write a book about a corporation executive, but I couldn't get access to a corporation executive who was willing to tell me his story."

Access to Data General's research was a privilege, Kidder said. "It's very unusual for a firm to let you into their [research and development] basement."

"Now I can pretty much do anything I want to," he declared. "Of course, if I write a book that's not successful, things won't be so friendly."

Kidder is currently writing a book about seven people building a house. "It sounds prosaic, but actually it's pretty lively, pretty dramatic," he said.

Asked "Would you like to have your son or daughter go to MIT?" Kidder said "Sure, if that's what they want out of life."

"It's a fad to think of technology as a separate sector of human affairs. You have to look at the society from which technology sprung," he added.

make 500 Memorial Drive the only à la carte house this year because its serving area was more adaptable than those in other dormitories, Hartwell said.

"The physical layout would have been a problem in the other dorms," he said. "There just wasn't enough room to lay everything inside the serving area at Baker or MacGregor."

Peg Rodger, manager of the Next House dining facility, said that the response to the new system has been relatively positive.

She said the few criticisms she heard have dealt with the high prices of beverages — 50¢ for an eight-ounce glass of juice, for example — and the cheaper prices of commons breakfasts.

This is the first year in which all undergraduate students living in 500 Memorial Drive, Baker, McCormick, and MacGregor Houses are under the mandatory commons plan.

Dr. Elaine L. Shiang, the second panelist, described a current theory of the cause of AIDS. The disease is the result of an acquired imbalance in the immunity system which results in the loss of T-lymphocytes, she said. Normal humans have more T-helper lymphocytes than T-suppressor lymphocytes, but AIDS victims may have more than three times as many suppressors as helpers, she said.

The weakened body is attacked by such rare diseases as Kaposi Sarcoma and P. Carini Pneumonia, which take advantage of the crippled immune system, Shiang said.

The clustering of cases and the occurrence of the disease in people exposed to infectious blood, semen, and other secretions suggest a transmissible agent causes the syndrome, Shiang explained.

The disease is presently treated by a variety of methods such as chemotherapy, lymphokines and immune stimulation, and microbiologic diagnosis and prescription, she said.

There is "no chance you will get AIDS by donating blood," Shiang said. "AIDS is a very hard disease to catch. Thus casual contact — a kiss or two, or an exchange of towels" should not transmit the disease.

Dr. John M. Moses, the final panelist, said the number of AIDS cases is increasing exponentially. There will be 20,000 cases in 1985 if the present rate of growth continues, he said. He emphasized he was not making a prediction.

AIDS has made a substantial social impact on both heterosexuals and homosexuals, Moses said. Some homosexuals have resumed hiding their sexuality as a result of increased discrimination since the outbreak of AIDS, he said.

There is "no data [to suggest] one sexual act is more likely to cause AIDS than another sexual act," Moses said. AIDS victims, however, have more sexual partners than other people, he added. AIDS victims averaged 61 partners a year, while a control group of healthy homosexuals averaged only 26 partners a year.

"There is no particular way [the Centers for Disease Control] can account for the fact that homosexuals get AIDS," Moses said. "Lesbians don't get AIDS, nor do prostitutes."

"... I won't speculate on why Haitians get AIDS — except it doesn't have anything to do with homosexuality," he added. "One thing is reassuring: ... Casual contact won't give AIDS."

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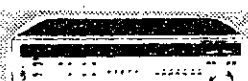
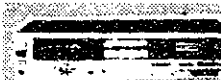
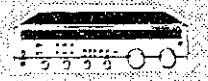
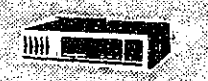
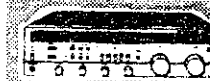
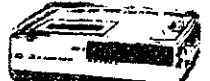
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Rush to the new world tour

Rush in concert at Radio City Music Hall, New York City, Thursday, September 22.

Die-hard Rush fans and music fans of all types would enjoy the live delivery of this trio's newest tour. Rush's two hour presentation in New York City last week may have been a preview of a forthcoming Boston area concert, and advance publicity for their soon -to-be-released new album.

The show opened with a fast-paced version of "The Spirit of Radio," which blended nicely into "Tom Sawyer." Both cuts were favorably painted with vocal improvisation and driving percussion, paving the road for the rest of the concert. Much of the material was taken from the most recent *Signals* album, with the mix of tunes concentrating on the trio's current songwriting style, which began with the *Permanent Waves* LP.

Rush has toured annually for over seven years, polishing a stage show that combines slick confidence with a flair for jazzy improv and spontaneous energy. Each concert dispels fears that touring tedium may finally have taken its toll on the band. Even the fourth show of a six day stand at Radio City Music Hall made it clear that Rush still enjoys their tours as well as their extensive studio work. Songs from the band's last six studio albums were artfully intermixed, many fitted with live non-album improvisation. Bassist/vocalist Geddy Lee has mastered use of the digital sequencer, managing to blend plenty of studio synthesizer work into the concert setting.

Radio City's atmosphere and set was ideal for lighting and sound. High curtains

hid the lighting boom, and a projection screen behind the stages provided for an excellent stage show. The white carpeted stage and backing screen allowed bright colorful lighting which was expertly timed with musical changes. Films and graphics were projected from behind the screen to accompany several songs. "Red Barchetta" and "Subdivisions" had cartoon and movie backing, and "The Weapon" was introduced with a politically sarcastic film.

Excellent timing and color selection made the visual show entertaining, if the musicians themselves were not interesting enough. This was sometimes the case, as Lee and guitarist Alex Lifeson often found themselves locked behind a plethora of keyboards and bass pedals. Drummer Neal Peart's virtuoso percussion work always provides an exciting focus, especially when mixed with his array of flawless stick passing, twirling and throwing.

Three unreleased tracks were mixed among the familiar songs from past albums, all of which seemed to evolve past the pop-ish sound of *Signals*, yet still maintaining the direction set by the most recent recordings. The new tunes complete a cycle of Rush songwriting, from the progressive instrumental style of *Permanent Waves* through the electronic blend of *Moving Pictures* and *Signals*.

"Red Sector A" is an eerie, dark sounding cut which may turn out to be Part I of the "Fear" series, which includes "Witch Hunt" and "The Weapon." The next two newcomers were energetic rockers, broken from arena-rock standards by Rush's patented percussion variations. Both "The Body Electric" and "Kid Gloves" seemed



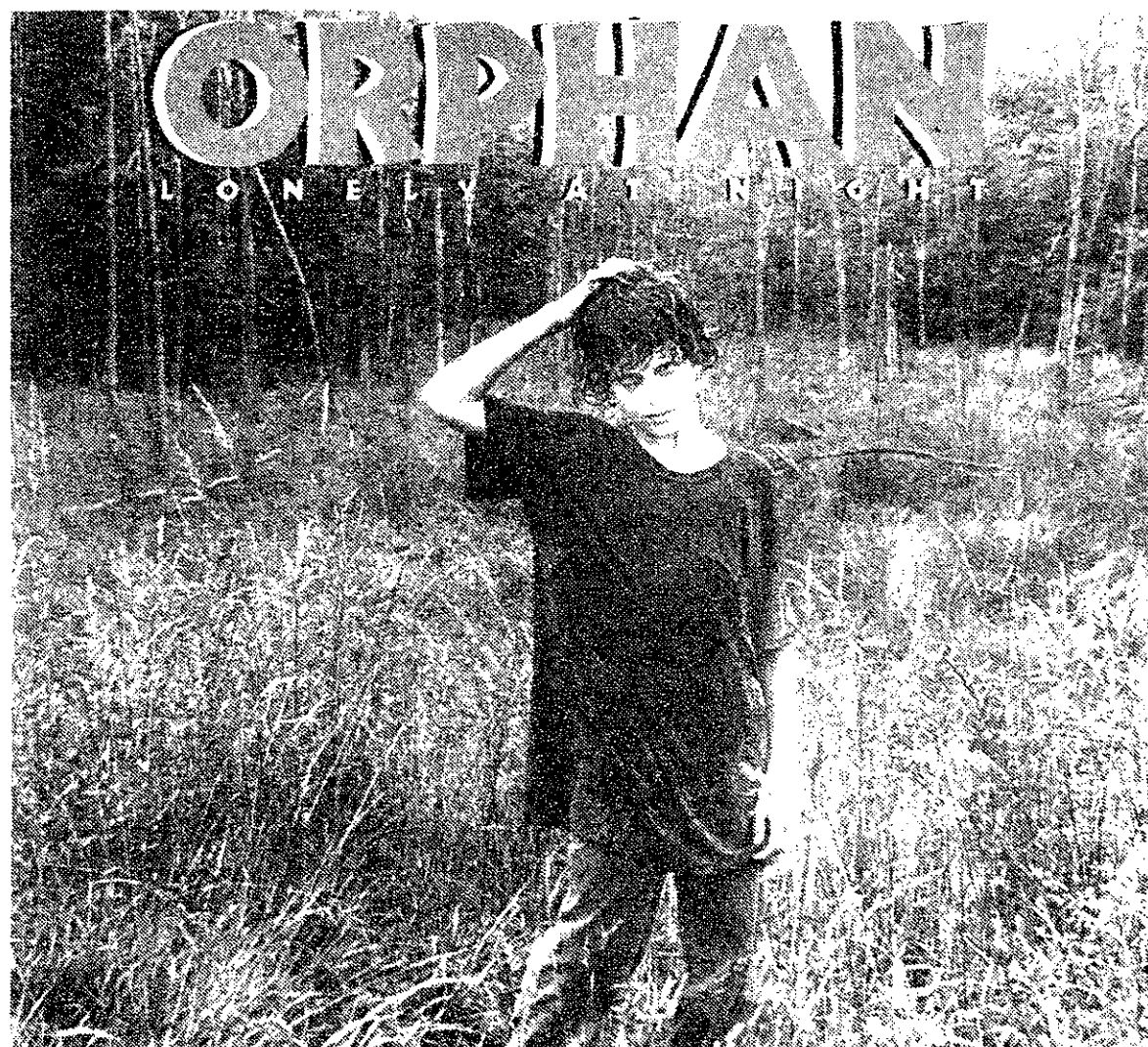
to elicit a more substantial lead guitar sound from Lifeson: While past albums have displayed his subtle genius, the newer cuts held more space for his electric guitar work.

Overall, the show was a well rounded blend of songs, from a medley of "2112," "Xanadu" and "La Villa Strangiato" to

"In the Mood," to new cuts. The light show and projection screen were handled very well giving the concert a strong delivery and an assurance that upcoming shows for the next album will be nothing less than that — shows.

Ron Norman

Substandard music, more Orphan than not



Lonely at Night, Orphan on Portrait Records.

When a band includes its hair stylist in its list of album credits, you can be fairly sure that the venture is more commercial than artistic in nature. Such is the case with Orphan's debut album, *Lonely at Night*.

This four-piece outfit follows quite closely in the footsteps of fellow Canadians Loverboy. Brent Diamond's keyboard work is as pervasive as it is rudimentary; he only departs from providing a droning aural backdrop to commit idiocies like his intro to "Night Parade," a collection of beeps and whooshes that would be right at home in a bad SF movie. Steve McGovern's guitar playing consists of formulaic high-pitched leads and an all-too-familiar gritty, distorted rhythm guitar, with whose like third-rate hacks have been dishonoring Dave Davies' innovative work since he first played "You Really Got Me." Bassist/lead vocalist Chris Burke-Gaffney has a quite ordinary voice which is noticeably strained in reaching the high notes; and, with drummer Ron Boisvenue, makes up an unvaryingly leaden rhythm section.

Perhaps they shouldn't be judged too harshly for their dismal instrumental unoriginality, however; based on "Saved By the

Bell," that may be the best they can do. This song finds the band attempting to extend themselves slightly beyond the bounds of Top 40 hard pop, into watered-down "adult/contemporary" funk. Even this unambitious goal proves too much; the rhythm section's funk falls flat, and Burke-Gaffney's falsettoed "ooh-ooh-ooh" 's are thin and unconvincing.

Orphan's lack of instrumental creativity or artistry is matched by their lyrics — but let them speak for themselves:

You've been treating me rough
But I guess I'll have to take it
'Cause you think I'm tough
For you I'm gonna fake it

(from "What Kind of Love Is This")

Why won't you move a little closer?
Why won't you take another chance?
It's no use, don't try to fight it
Let's see how long that you can last

(from "All Over the World")

In an apparent attempt at a world's record, the line, "It's the way I feel," is repeated eight times in a row in "Miracle," the obligatory ballad.

I'm sorry to say I rate this band's chances of commercial success as fairly good, but in aesthetic terms, the old saying holds true: "Success has a thousand fathers, but Orphan is a failure."

Mark Pundurs

On the town

The Flying Karamazov Brothers, the world's zaniest juggling/comedy troupe, has crash-landed in Boston for a two-week run at the Wilbur Theatre. Don't miss the chance to see these lobster-tossing buffoons, call 423-4008 for ticket information.

The Harvard Square Cinema also continues its *International Director's Festival* with a pair of double features: Ermanno Olmi's *Tree of the Wooden Clogs*, Tue.-Wed. Sept. 27-28, and Francois Truffaut's *Stolen Kisses and Small Change*, Thu.-Fri., Sept. 29-30. For information call 864-4580.

Howard Devoto, former vocalist for the Buzzcocks and Magazine, inaugurates his solo career with an American tour beginning in Boston, at the Paradise, Thursday, September 29, at 8:30 pm. For ticket information call 254-2052.

Off the Wall presents Jean-Luc Godard's *Breathless* (yes, the original version), now through September 29. Shows nightly at 7:50 and 10 pm, Sat.-Sun. matinees at 2:30 and 4:40 pm. For information call 354-5678.

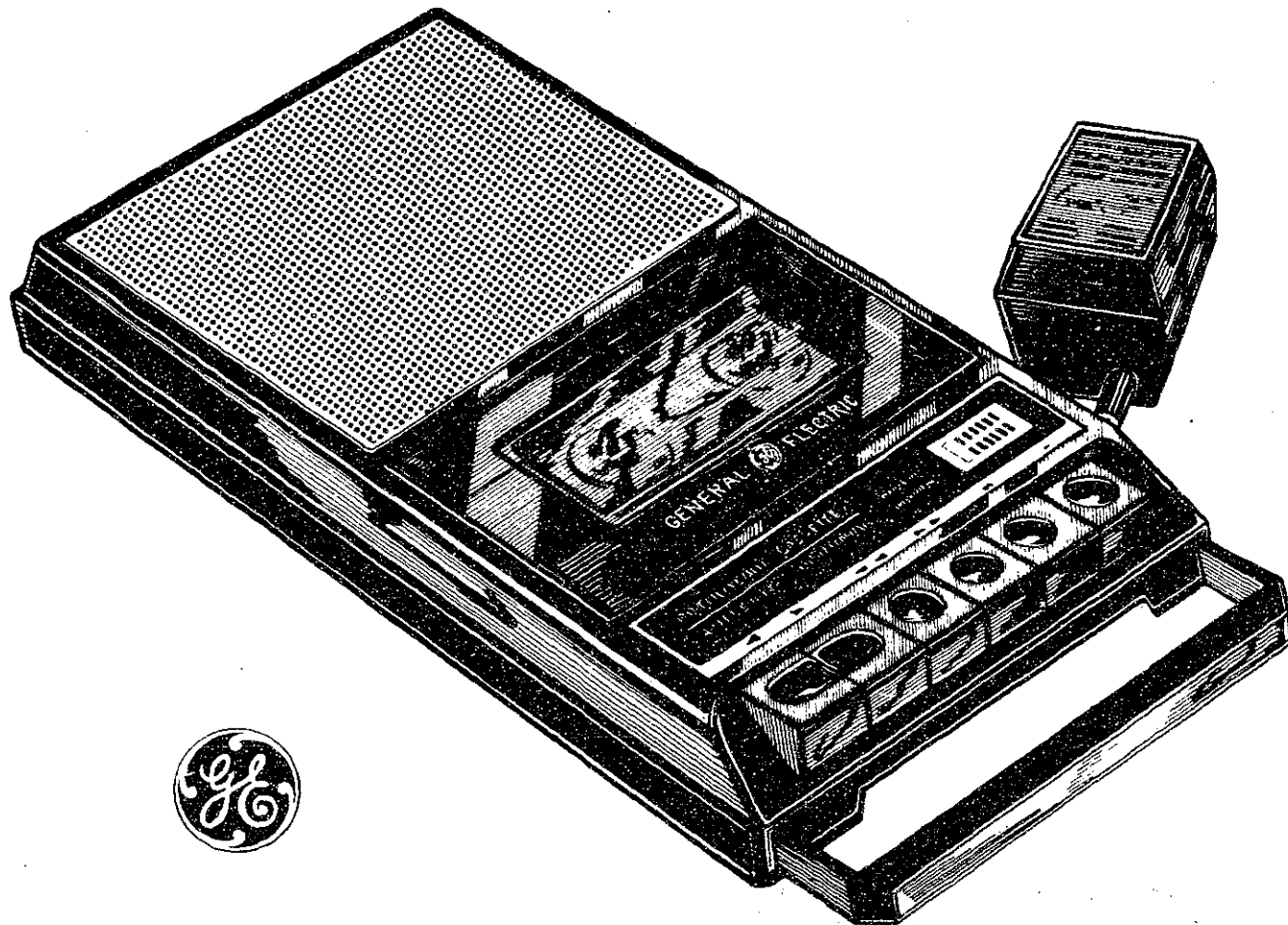
Talking Heads at the Providence Civic Center, Tuesday, October 4, at 7:30 pm. Tickets are \$10.50 & \$11.50.

The Metropolitan Opera House presents *An Evening of Guitar* with Al Di Meola, John McLaughlin, and Paco DeLucia, with special guest Steve Morse, on Friday, September 30, at 7:30 pm. Tickets are \$13.75 & \$12.75.

This weekend's LSC movies:
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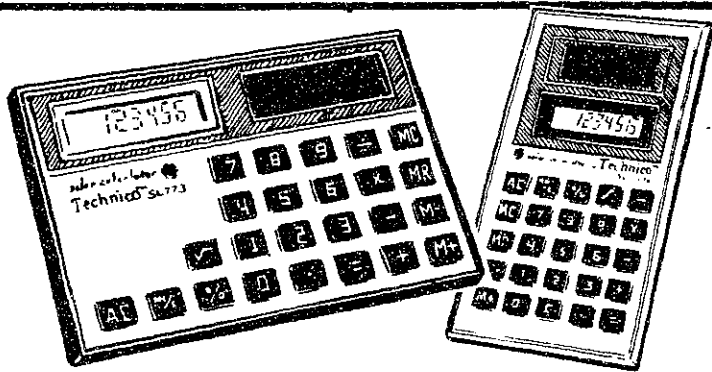


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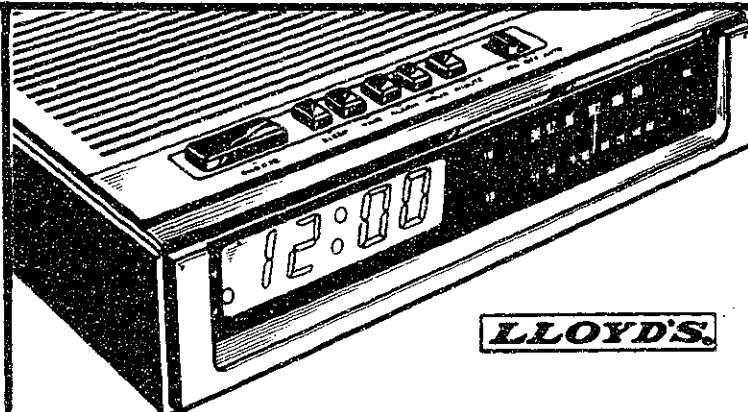
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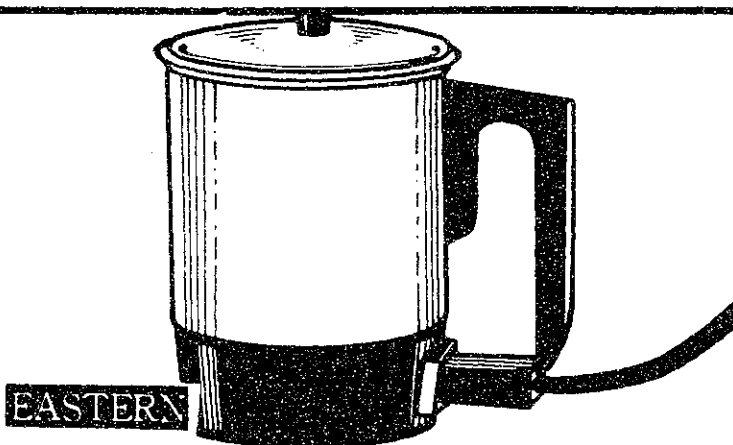
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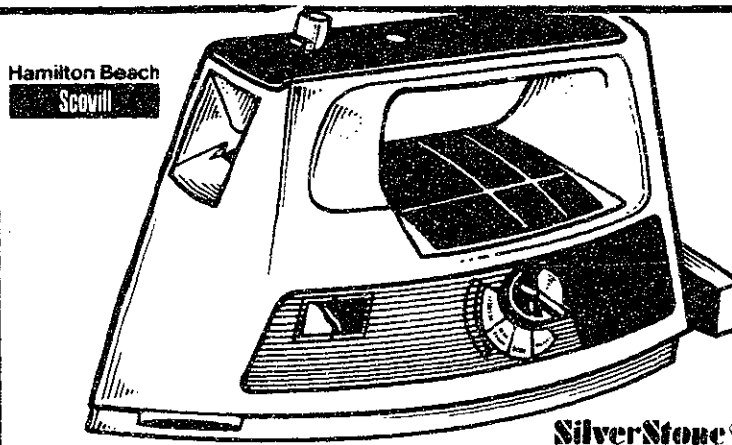
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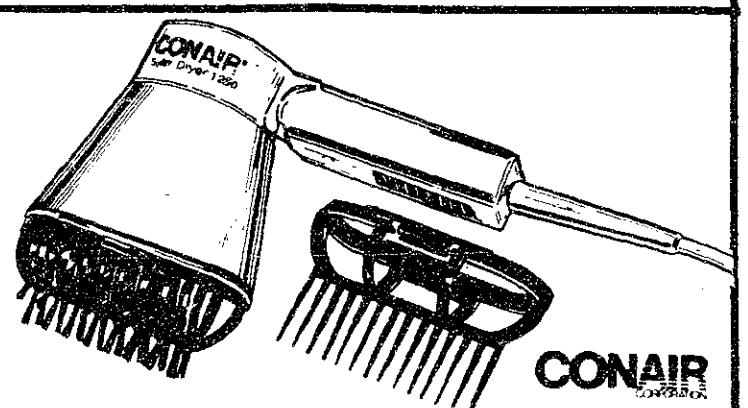
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Feature

Inventor offers \$100,000 to puzzle solver

By Burt S. Kaliski

It's the "puzzle item of the year," and a "sophisticated pet rock," says Warren Holland, inventor of "Decipher," a game which carries a \$100,000 prize for the person who can discover its secret message.

"Decipher" is "a puzzle within a puzzle," Holland explains. To solve it, one must first put together a two-sided jigsaw puzzle.

But that's the easy part.

On each side of the jigsaw puzzle are many one- to four-digit numbers, separated by commas. To win the prize, one must decode the secret message which the numbers represent.

The code, Holland explains, is a multiple substitution cipher in which more than one number may represent the same letter, but no number corresponds to more than one letter.

Holland claims the "key" for the cipher — about 500 words of text — is in the public domain. Take this key, the game's instructions say, and write it down one letter at a time, skipping spaces and punctuation. Then write down numbers, starting at one, next to each letter.

Take the sequence of numbers in the puzzle, and use the list just made to find the corresponding letter. Put in some spaces and punctuation, and you have the secret message. And the prize money.

Of course, finding the key will not be easy.

Holland says he will wait until March 1984, then enter the bank

vault in which the solution is stored and determine who has the correct answer. If no one is correct, either the prize will increase or Holland will give clues, until someone solves the cipher.

Nonetheless, Holland says he expects there will be two winners. Winners will divide the prize equally, he says.

Holland, a graduate of Virginia Tech and a former construction manager, became "disenchanted" with his work several years ago, he says. He read about treasure-hunters who tried to solve a cipher made by Thomas Jefferson Beale to hide gold in the Virginia backwoods.

He decided to create his own puzzle, one in which the puzzle-

solver "wouldn't have to go dig up somebody's property" to find the prize, he recalls. He spent just a few hours making the cipher, but needed two years to bring the game on the market.

Lloyd's of London wouldn't insure the prize, because Scotland Yard said the code could be broken, Holland says. But he found a domestic firm to insure the prize, and an American distributor for the game.

The company has already sold about 50,000 games at about \$12 each, Holland estimates, probably more than enough to cover the prize money.

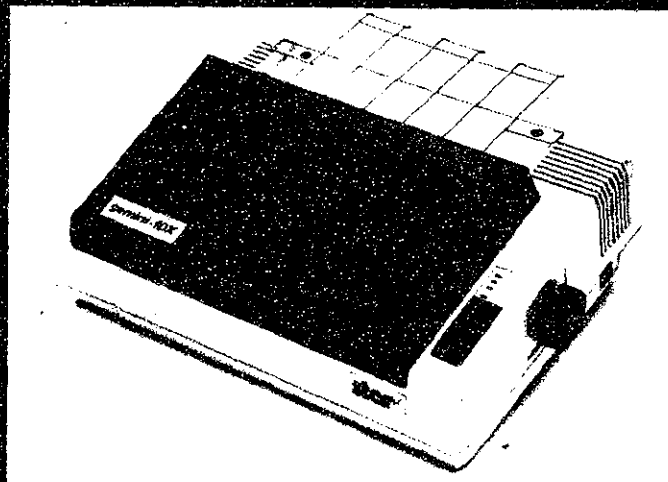
The game is available in finer stores, he adds.



Photo courtesy The Virginian-Pilot/Robie Ray

"Decipher" inventor Warren Holland.

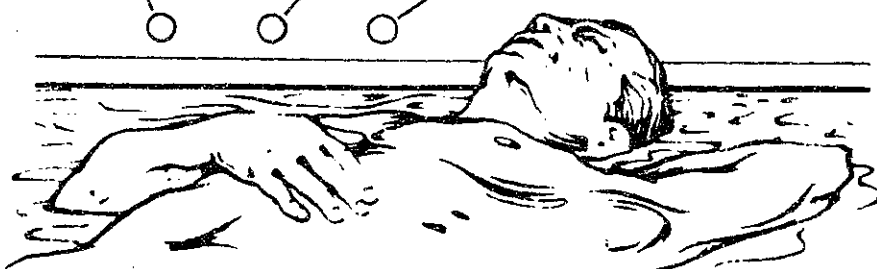
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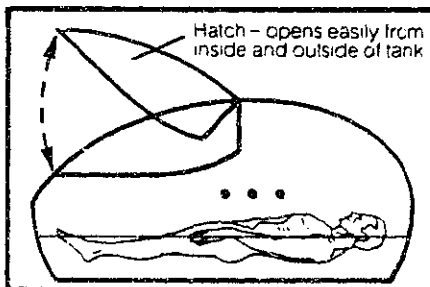
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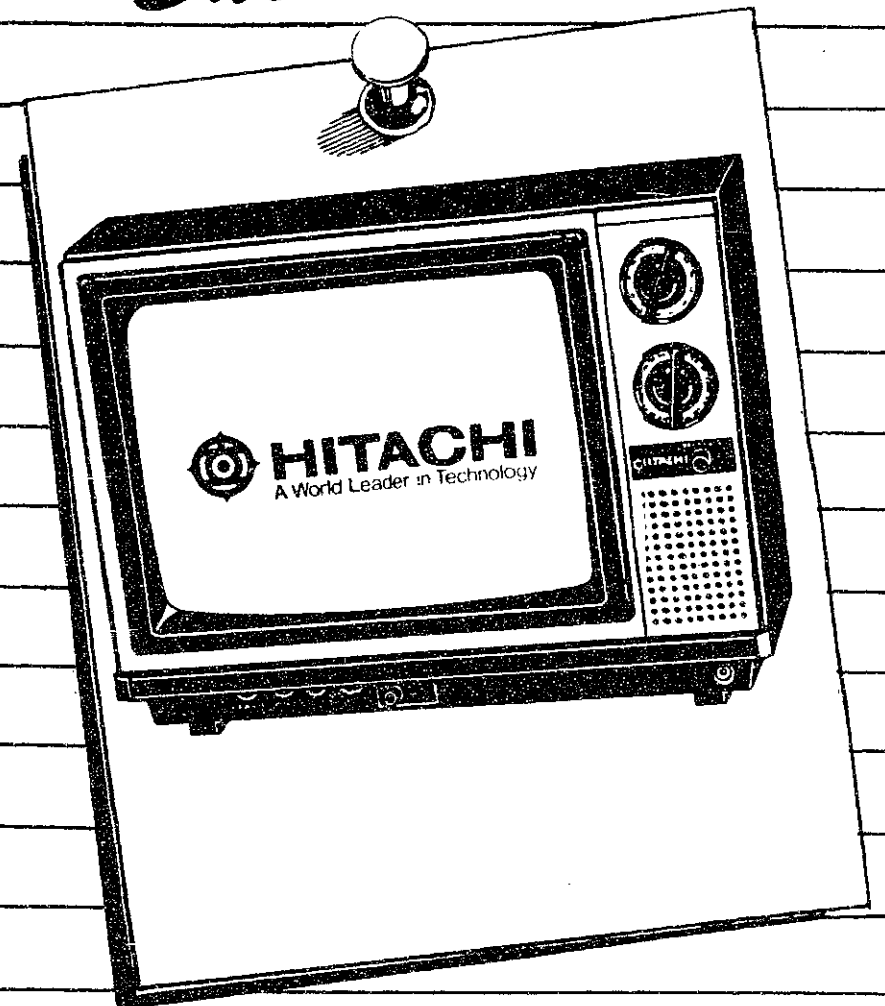
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Listings

An informational meeting for students interested in medicine will be offered on Mon., Oct. 3, at 4 pm, in room 12-182. Topics include: pre-med requirements, clinical experience, pre-med advisor selection, and more. Contact Jeannette Gerzon in the Office of Career Services, x3-4737.

* * * *

Students should be aware of a new procedure for fulfilling the humanities distribution requirement. While the requirement itself is the same, students must now complete a proposal during the sophomore year, and have a completion form signed by a field advisor when the requirement is completed. Completion forms are available from department or program headquarters; in particular, juniors and seniors are urged to attend to this procedure. Contact the Humanities Undergraduate Office for more information, x3-4447.

* * * *

The annual Harry S. Scholarship Awards will be made to current sophomores. The awards will be for \$5,000 and are renewable for the senior year and for up to two years of graduate study. Two MIT students will be nominated by the Institute. Any student wishing to be considered should contact Dr. Louis Menand III, Room 3-234, x3-7752, no later than Oct. 14, 1983.

Lectures

The Cambridge Institute for the Arts and Sciences announces its Fall Lecture Series. First speaker: Dr. Steven Benton, "Holography and 3-D Imagery," Lecture (\$4) 8pm, Fri. Sept. 23; Workshop (\$35) 10-3, Sat. Sept. 24. Future speakers: Roe Adams (Computer Games), Ernst Haas (Photography), Stan Vanderbeek (Video), others.

sports

Providence runs out on Engineers

By Martin Dickau

Strong defense against the rush and several scoring opportunities were not enough, as the football club dropped a 14-12 decision to the host Providence College Friars Saturday afternoon.

The game began well for the Engineers. Providence, which had won the toss and elected to receive the ball, managed to go backwards seven yards on its first drive. Jim McClean then let loose a 19-yard punt, giving MIT the ball deep in Friar territory. The first of several chances to score was lost, however, as halfback Chris Adams '87 fumbled away the ball on the next play.

The lone MIT touchdown came two series later when quarterback Dave Broecker G unleashed a 69-yard touchdown pass. Broecker, already in the arms of a tackler, threw the ball to wide receiver John DeRubeis G, who made the catch and outraced the Friar secondary to the end zone. Tom Hastings G kicked the ball through the uprights, and the Engineers found themselves atop a 7-0 lead.

The lead did not last long. Providence got the ball on its own 22 at the beginning of the second quarter, and freshman quarterback Kevin DeLane started to pick holes in the MIT secondary. Three passes for a total of 85 yards and two short running plays brought the Friars to the MIT three. The Engineer defense quashed two more running plays, but DeLane found Gary Rosadino open in the end zone for the first Providence tally. The Friars faked the kick, and Mark Dooley hit Bill McNamara for the two-point conversion.

The Engineers responded by putting together a sustained drive of their own, marching from the MIT 30 to the Providence 16 in 11 plays, largely on the strength of some accurate short passes by Broecker. The drive stalled, however, and Hastings was called upon to kick a 33-yard field goal — his first of the season — to give MIT a 10-8 halftime lead.

The MIT lead was erased when fullback Dan Curran '85 fumbled the ball on the opening play of the third quarter and Friar Rusty Dubuc recovered on the Engineers' 25. Six plays later, DeLane found John Donahoe in the end zone for a 9-yard touchdown pass. MIT's Art Gregory '87 blocked the extra point attempt, but the hosts had a 14-10 edge.

MIT's other two points came late in the final quarter. Hastings had punted the ball to the Providence two, and the Engineer defense refused to give up a single yard in the ensuing Friar series. Providence elected to down the ball in its own end zone, giving up the two points but gaining better field position for the punt.

The Engineers could not get close enough for a touchdown or a field goal, and the score remained 14-12.

MIT will be on the road again this weekend, visiting the Hartford Falcons.

Providence 14-12

Providence 0 8 6 0 — 14
MIT 7 3 0 2 — 12

MIT—DeRubeis 69 pass from Broecker (Hastings kick)
Prov—Rosadino 3 pass from DeLane (McNamara pass from Dooley)
MIT—FG Hastings 33
Prov—J. Donahoe 10 pass from DeLane (kick blocked)
MIT—Safety McLean downed in endzone
Attendance—550

	Prov	MIT
First downs	7	10
Rushes-yards	36-83	28-130
Passing yards	160	157
Return yards	20	20
Passes	19-8-0	28-11-1
Punts	8-267	5-181
Fumbles-lost	1-1	3-2
Penalties-yards	10-99	4-28

Individual Leaders
Rushing—Providence, McLean 20-47 MIT, Broecker 9-84, Curran 6-28
Passing—Providence, DeLane 19-8-0-160 2TDs
MIT Broecker 28-11-1-157 1TD
Receiving—Providence, J. Donahoe 4-100 1TD
MIT DeRubeis 2-78 1TD, Bittman 4-37

sports update

Baseball — The baseball team is now 2-6 after splitting Saturday's doubleheader with visiting Bentley College. Bentley took the opening game 5-2, but MIT came back to triumph in the nightcap 8-4.

Cross Country — Eleven runners finished within one minute of each other, as the men's cross country team took third through 13th place, beating host Coast Guard 25-36 Saturday. Mike Lyons '85 led MIT, finishing third in 27:02 over the five-mile course. Following Lyons were Brian Callaghan '87 (27:19), Bill Mallet '86 (27:20), Terry McNatt '87 (27:21), Bob Stea '86 (27:38), Turan Erdogan '87 (27:42), Ron Smith '85 (27:44), Greg Harrison '86 (27:53), Bill Bruno '85 (27:58), Ed Hurley '85 (27:59), and Gordon Holterman '87 (28:02).

The women's team was also down in New London for a tri-meet with Coast Guard and Connecticut College. MIT finished second behind the Cadets in the five-kilometer race and drop to 1-2. Captain Sarah deLeon '85 paced the Engineers, placing third in 22:17. Ruth Heffernan '85 (23:14) and Heather Irving '86 (23:17) took fifth and sixth, respectively, and Rhonda Wilson '86 (23:47) finished tenth.

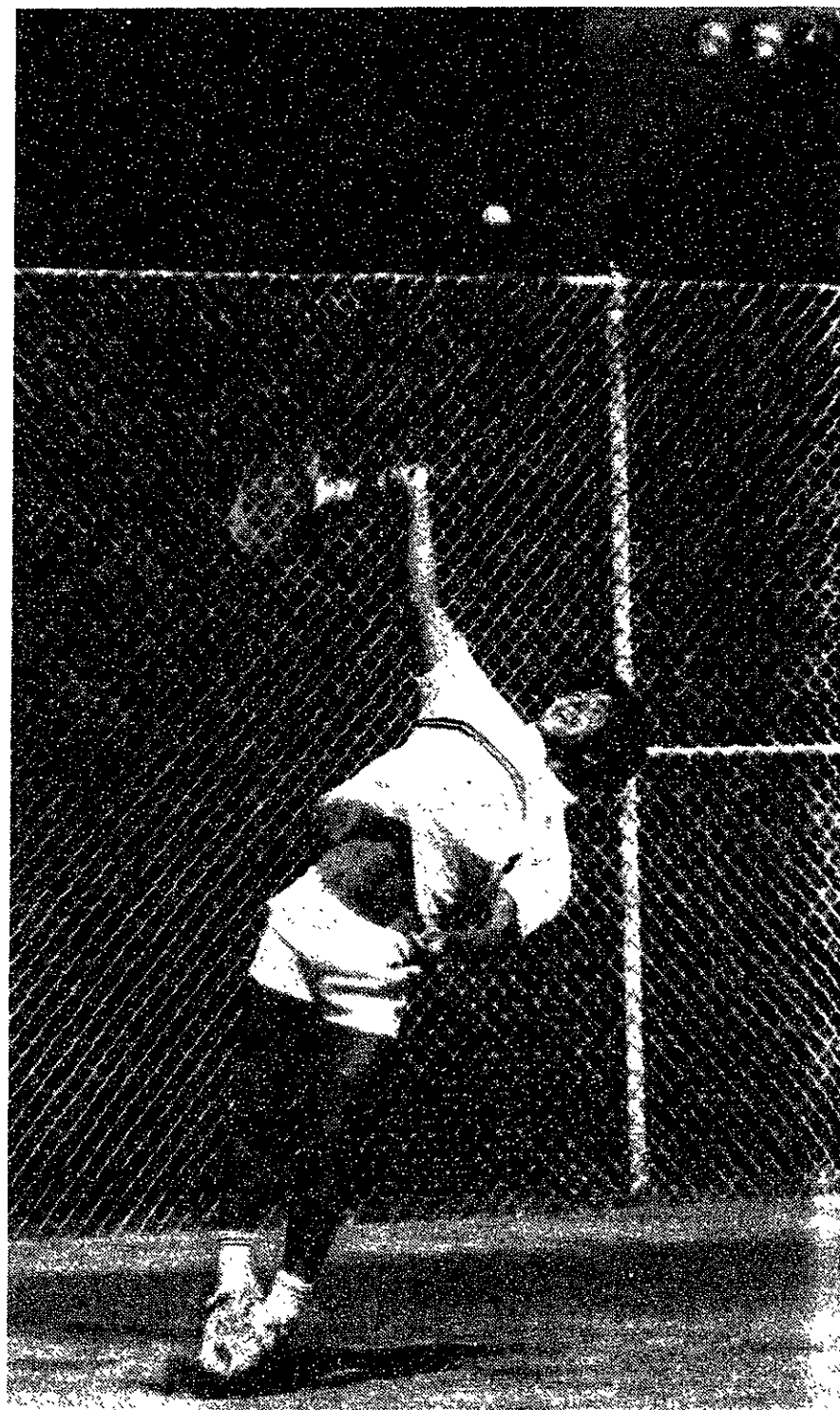
Field Hockey — The field hockey team gave up both its first two goals allowed of the season and its first loss, losing 2-1 to Nichols Thursday. Martha Beverage '87 scored the lone Engineer goal.

Sailing — Michelle Bagdis '84 finished seventh, and captain Margaret Norris '85 came in eighth at the Women's Single-Handed Sailing Championships hosted by MIT last weekend.

Soccer — The men's soccer team outshot visiting Trinity 23-19 Saturday, but could not get the ball into the net, as the Engineers lost 2-0. Goalie Mike Schoen '87 had eight saves in the losing effort.

Tennis — The men's tennis team chalked up its first win Saturday, defeating visiting Maine 7-2.

The women, meanwhile, fell to 2-2 with a 7-1 loss to Bates.



Tech photo by Toussaint L. Myricks
Rob Craig '86 defeats his opponent to help MIT beat Maine Saturday afternoon.

notes

Off-Campus

Are you bothered by **stuttering** when you speak? Beth Israel Hospital's speech pathologist evaluates and treats communication disorders affecting speech, voice, or articulation. Call 735-2073 for more information.

Those with the time and inclination to do **volunteer work** are encouraged to join the Network of Goodwill. To receive information as to what opportunities may be available in your area of interest, please call Althea, 491-8158, or Mary, 323-0888 mornings or 522-0800 9-noon Tuesdays.

The Beth Israel Hospital **Back Pain School** teaches back pain sufferers simple techniques and exercises to help manage and soothe the discomforts of back pain. Held four consecutive Mondays, 4:30-5:30pm. New groups begin monthly. Cost for four sessions: \$80. Call 735-3940 for details.

A tour of the second oldest town in the US will be offered by **Boston by Foot** on Sept. 25 at 2 pm. The walk begins at the corner of Main and Pleasant Streets, and tickets are \$5.00 per person. For more information, call Boston by Foot, at 367-2345.

The Riverside Family Institute is sponsoring a **six week class in Hatha Yoga** — designed to stretch, tone, and strengthen the body — beginning Sat., Oct. 8, 10:30 am to noon. No previous experience is required, and course fees are \$45. For more information, call 964-6933.

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September 26, 1983

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The **"HELP YOURSELF TELETHON"** is being run by the Alumni Fund to raise dollars for Student Financial Aid. Students will call alumni, ask that they contribute to MIT, and urge them to designate their gifts to Student Financial Aid. We all know the need is there. Alumni can be convinced of the same.

The Telethon will run for 3 nights, October 3-5 (in 10-105), from 6:00-10:00 pm. We'll serve pizza, soda, and dessert at 6:00, offer a thorough training session at 6:30, then make calls till 10:00pm. You'll get an MIT wine glass or tumbler for your efforts, as well as a shot at other prizes given to top callers.

Without callers, we can raise no Student Financial Aid funds. So come in and call! Let me know by September 29th which night you'll be coming so we'll have enough pizza on hand. Call me at 3-8281, or sign up at your house desk or in 10-156. You'll be helping us, and in the long run, you'll be **HELPING YOURSELF**.

I look forward to seeing you then!



Sincerely,
Lauren Norton
Telethon Coordinator
Alumni Fund

Volleyball wins seven

(Continued from page 16)

The Engineers had little trouble dispatching Salem State 15-3, 15-0, and Fitchburg State 15-2, 15-4, on Friday night. MIT was tied by the third match of the night, against Eastern Nazarene College. The Crusaders managed eight points in the first game, losing the match 15-8, 15-1.

After beating ECSU in the first match on Saturday, MIT "totally devastated Vermont," according to Altman. "We didn't do much wrong" in the 15-1, 15-5 victory, she noted.

Altman experimented different player combinations against the University of Maine at Presque Isle, giving the Owls the opportunity to break into double figures in the first game.

"The players either lost concentration or got nervous" because of the personnel changes, Altman said. "But I'd rather try it out in a game we're winning by 10 points, so they'll be used to it if I have to make a switch in a pressure situation," she declared. MIT won the match 15-10, 15-2.

The Engineers seemed to be in a hurry to get home during their last match against the University of Maine at Farmington. MIT scored 11 straight points with Michelle Heng '84 serving at the start of the first game. "Her serves just get better and better," Altman noted. MIT felled the hapless Beaverettes 15-2, 15-0.

Officials named tri-captain Julie Ann Koster '85 as MIT's representative on the tournament all-star team.

Altman praised the work of Koster, Munro, Lori Cantu '85, and setters Heng and Jenny Smith '86.

MIT opens at home tomorrow against Boston College at 7pm in duPont Gymnasium.

notes

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.

Announcements

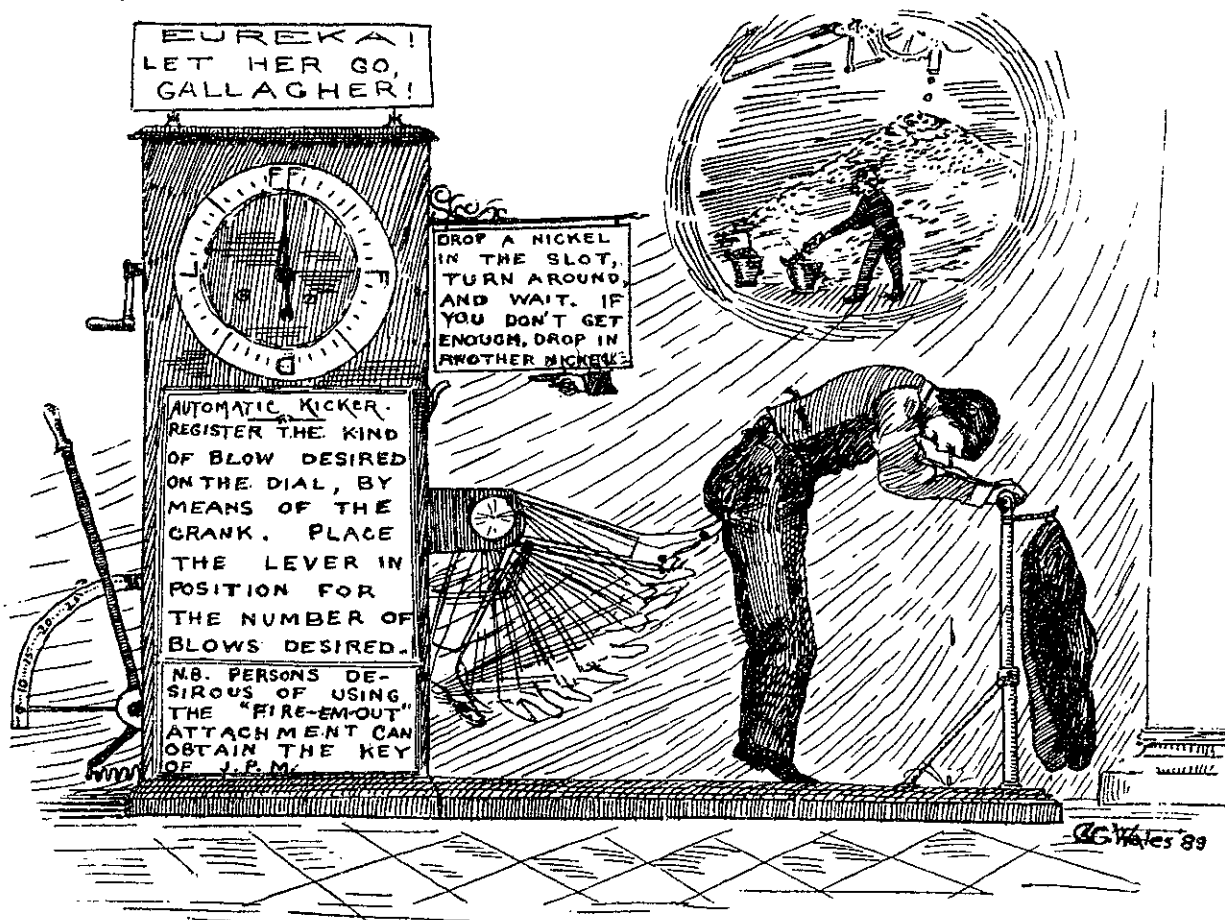
All changes in addresses and telephone numbers must be turned in to the Registrar's Office, E19-335, by Sept. 27 for inclusion in the Student Directory. Telephone requests will not be accepted.

* * * *

The EECS Student-Faculty Committee will hold an introductory meeting Wed., Sept. 28 at 4:30 in the Lan Jen Chu Student Lounge (38-201). All Course VI students (undergrad or grad) are welcome. Donuts and cider will be served. For information, contact Ondria Jaffe, x3-7329 or x5-9675.

* * * *

The Bursar's Office has announced that the hours for student services on loans will be 9am to 4pm, Monday through Friday. The Student Accounts Office hours will continue to be 9am to 4pm, Monday through Friday.



Reprinted from *The Tech*, February 2, 1888.

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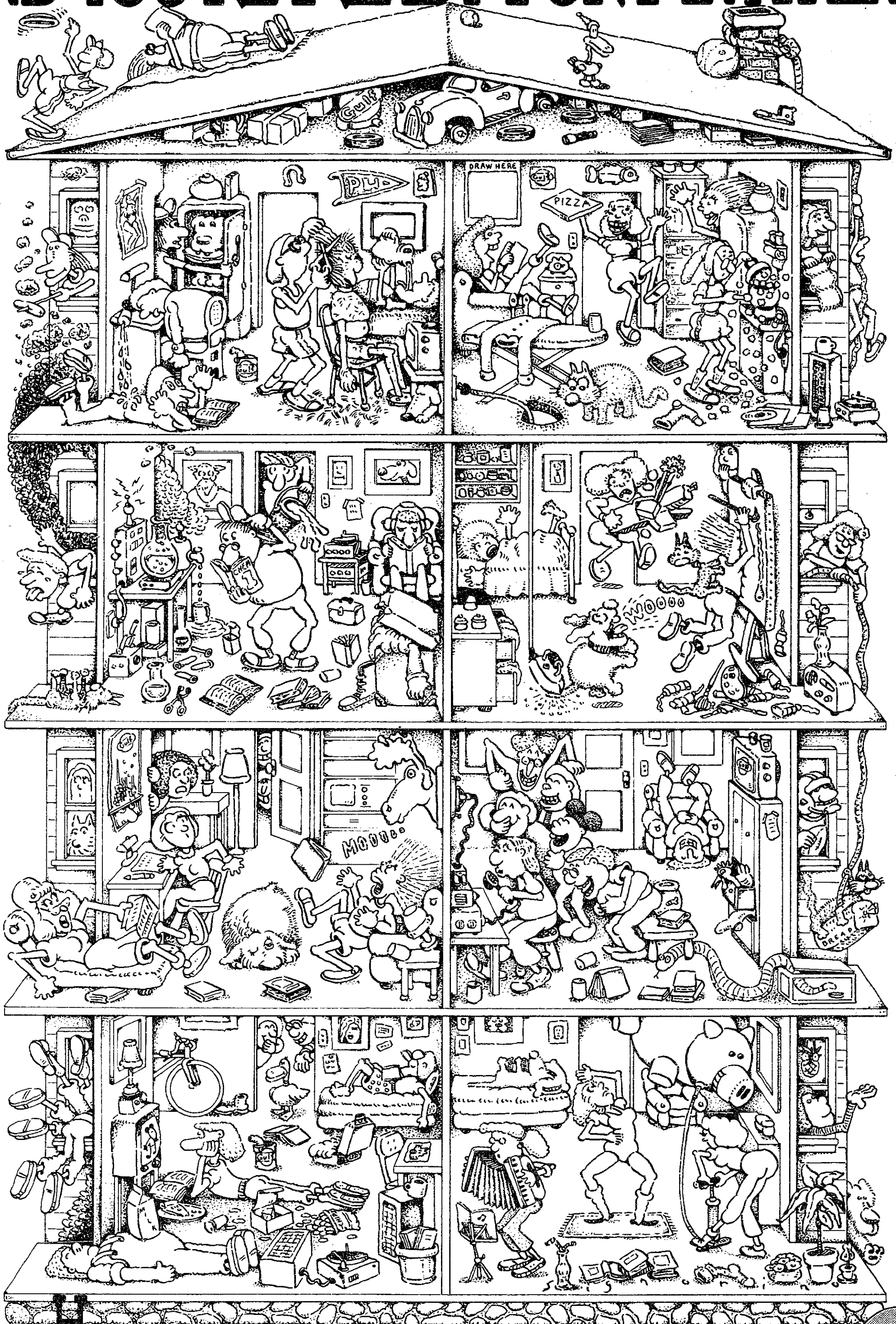
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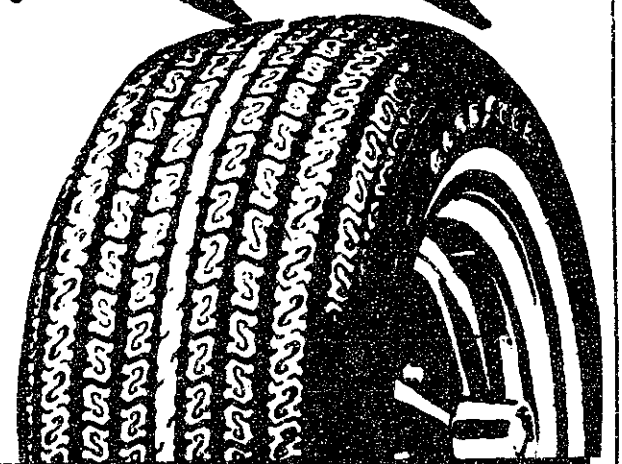
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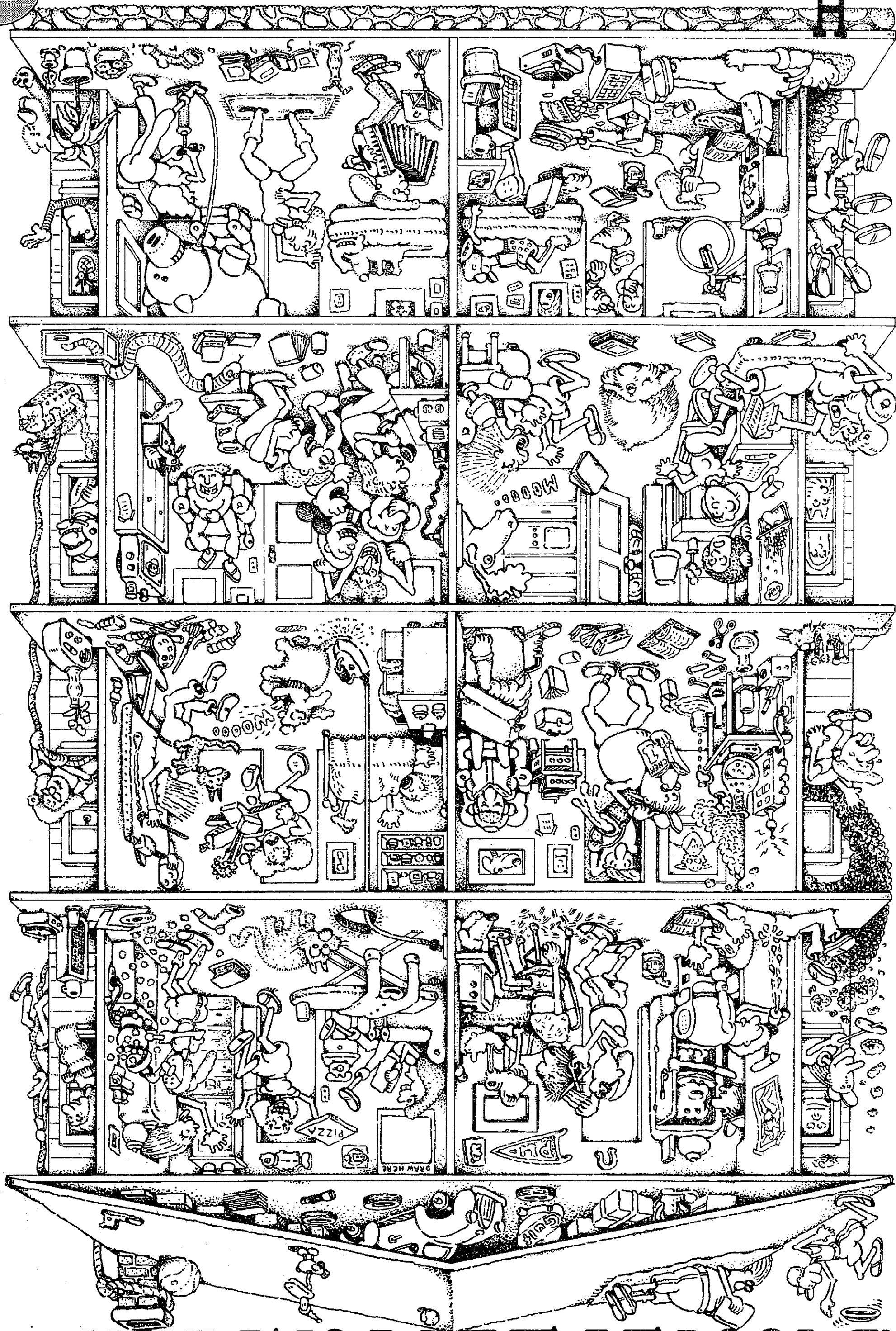
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P205/75R15	65.00	2.44	P175/75R14	51.00	1.87
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sports

Volleyball sweeps tournament, 7-0

By Robert E. Malchman

Eastern Connecticut State University (ECSU) was the only team to defeat MIT women's volleyball twice last year. The Engineers exacted revenge this weekend, romping undefeated through the Salem State Invitational Tournament, downing the Warriors 15-11, 17-15, along the way.

The teams began evenly in the first game, before MIT pulled ahead at the finish. "We scouted [ECSU] when they played [the University of] Vermont," said coach Karyn Altman '78. "Their strategy is to fake out our blockers, but that leaves them

with less options," she explained.

"They were pretty easy for us to read," Altman said. MIT was able to deny ECSU's narrowed range of shot options, she said.

The second game began badly, as MIT fell behind 7-2. "We were making serving and passing errors," Altman said. "We gave them a lot of free balls."

One miscue by a team will often lead to a major breakdown, Altman continued. "Volleyball, more than any other game I know, is a game of streaks." If a team has problems on defense, the offense will never get a chance, she said.

ECSU took MIT to game point, 14-9. MIT won back the ball, giving the serve to Anella Munro '85. The Engineers scored five straight points from Munro's well-placed serves, including an ace, to pull even before going on to win the game. "Anella just decided to be aggressive out there," Altman explained.

(Please turn to page 13)

Tournament Results

Team	W	L
MIT	7	0
ECSU	6	1
ENC	5	2
Vermont	4	3
Fitchburg	2	5
Salem	2	5
Farmington	1	6
Presque Isle	1	6



Tech photo by Henry Wu

Women's field hockey faces Endicott College at 3:30pm tomorrow in Steinbrenner Stadium.



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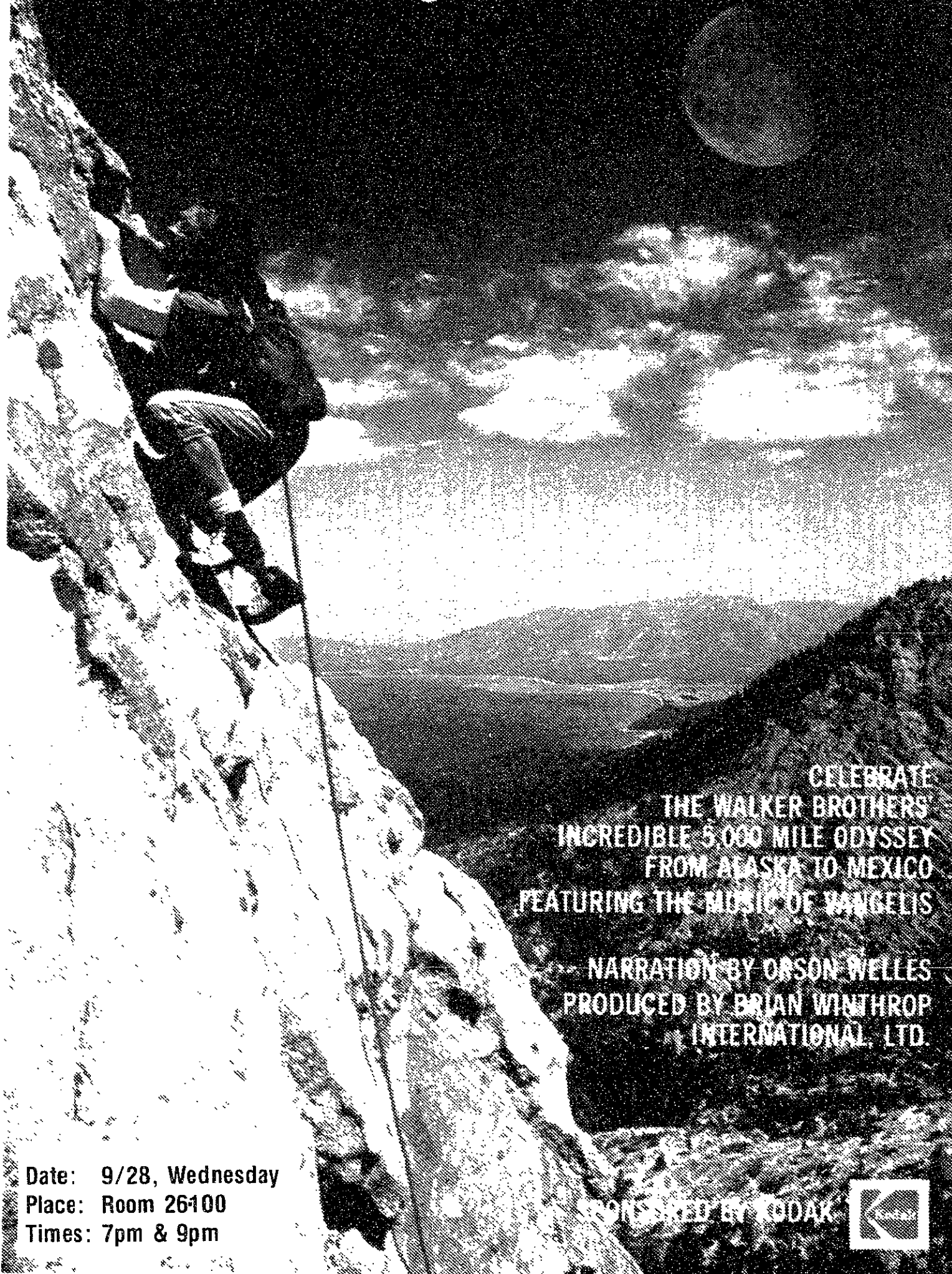
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