

# Welcome incoming students

Continuous  
News Service  
Since 1881

Volume 106, Number 31

# The Tech

MIT  
Cambridge  
Massachusetts

Friday, August 29, 1986



Tech photo by Ronald E. Becker

James R. Tewhey, associate dean for residence and campus activities.

## Tewhey chosen to replace Sherwood

By Michael J. Garrison

James R. Tewhey, former associate dean at Smith College, has been named MIT's associate dean for residence and campus activities. Former Dean Robert A. Sherwood vacated that post at the beginning of August to become Boston College's dean for student development.

The position includes responsibility for Residence and Orientation (R/O) Week, as well as undergraduate housing, fraternity relations, and the scheduling of institute facilities. Tewhey held a similar position at Smith, he said, but noted that Smith, an all-women's college in Massachusetts, is smaller than MIT.

An urban college has a "different sort of feel" than one in a rural setting such as Smith, he said. In his five and one half years at Smith, Tewhey presided over "a major reorganization of the housing system, which seems to be very successful," he said.

Tewhey was most pleased, he added, about "an avenue opened for communication between my office and a number of minority groups on campus."

Tewhey intends to spend this year's R/O Week observing what goes on at MIT, he said. He plans to "spend . . . time and try to learn" about R/O. "I am feeling my way through," he explained. "In any new job you need to take time to get an accurate picture of how all of the pieces fit together."

He admitted that he knew very little about MIT's R/O but said he had formed "some questions — some impressions, . . . drawn

from what people have told me." He further explained, "I am going to find some questions invalid," and expected others would be suggested by his observation of this year's R/O.

Some MIT issues have already come to his attention, Tewhey said. "The role of women" and the fraternities "are the issues that immediately hit me," he said.

"How are women going to fit in [to R/O]?" Tewhey asked. Referring to the record-high percentage of women in the incoming freshman class, Tewhey wondered if MIT might see an increased number of sororities. The change in the demographics seems very significant, he explained.

Cautioning against hasty reactions, Tewhey reiterated his desire to wait until he has "had a chance to see [R/O] actually operate."

Tewhey also expressed concern over the "potential impact if the fraternities were asked to vacate in Boston." Some fraternities have faced difficulties getting their lodging licenses renewed, although no existing MIT fraternity has actually been denied such a license. The licenses are necessary for the use of the fraternity houses.

"There are some institutions where [fraternities and sororities] are a very positive force . . . and other cases where they are not particularly positive; it varies from institution to institution," he said. Smith College allowed no sororities.

## Braden expects less crowding

By Ronald E. Becker  
and Andrew L. Fish

Dormitory crowding will be much less severe than last year, according to Ann Braden, staff assistant for residence programs.

About 150 freshmen are expected to be crowded this year, Braden said. She added that most crowds would probably be voluntary.

A large number of freshmen volunteer to be crowded, Braden said. This increases their chances of being placed into their first choice dormitory. Voluntary crowds are normally the last to uncrowd as spaces open up.

Braden based her projections on the assumption that fraternities would rush the same number of freshmen as last year. She also indicated that allowances have been made for some variation in

the final numbers. "We're planning for a little leeway," she explained.

The number of undergraduate students pledging fraternities and other independent living groups is fairly consistent year to year,

said Mark E. Ertel, advisor to fraternities and independent living groups.

Ertel attributed this primarily to the fact that the number of spaces in the fraternity system (Please turn to page 11)

## 21 BU dorms lose licenses

The Boston Licensing Board has rejected one third of Boston University's applications for dormitory lodging licenses, *The Boston Globe* reported Wednesday. Without the licenses, BU can not operate the dormitories, to which 150 students had already been assigned.

The board granted 41 licenses, but denied 21 others because they violate a 1980 agreement reached between BU and the city. The plan set a boundary outside of which BU could not expand its dormitory system. The 21 buildings, in an area known as Audubon Circle, are outside of the boundary.

A further agreement in 1984 provided for BU divesting itself of buildings outside the boundary by this December. The Audubon Circle buildings are included in this agreement.

"The university is dismayed that the board did not issue its licenses until nearly six months after the license applications were filed and during the very week that students are scheduled to return and occupy the buildings," Joseph P. Mercurio, vice president of business affairs at BU, told *The Globe*. Classes start on Sept. 3.

"We sympathize with the plight of the 150 students," responded Andrea W. Gargiulo, chairman of the licensing board. "They are the victims of inaction by the administration at the university on the housing issue since 1980. This ought not have been a surprise decision for the university," she told *The Globe*.

"If nothing else [BU] could have come up with a backup plan for those students," Gargiulo added. "It wouldn't make sense for us to allow those students in now and then have to put them (Please turn to page 11)

## International R/O helps students

### Feature

By Salman Akhtar

Three days before Residence and Orientation (R/O) Week began, Aug. 25, a small group of 70 freshmen arrived at MIT and were introduced to the campus, the dormitories and the Boston area.

The arrivals signalled the start of International R/O, three days in which all freshmen who are not permanent US residents are offered help in overcoming culture shock and immigration problems.

Traditionally, the international freshmen start coming in over the weekend preceding rush. Over the next three days they were shown around the MIT campus, shown a slide show of the Boston area and given a lot of free food.

International R/O is organized by upperclassmen from other countries under the auspices of the International Students Association (ISA). This year's coordinator, Evelyn P. Chiang '89, was responsible for planning and organizing activities to cover all three days of International R/O. Her committee was in charge of the R/O Center over the weekend and ran an airport shuttle for the incoming freshmen.

Yet for many of the freshmen, coming in from a foreign country is still a traumatic experience. One of them, after finding out that her suitcase had been left behind in her own country, could only say, "I am lost. I have this sinking feeling in my stomach." Fortunately, the suitcase was delivered the next day. On the first day most of them seemed lost in their thoughts, and by their expressions one could tell that they were not really feeling on top of the world.

This initial mutual misery, and the housing they shared in Baker

House, bound the freshmen closely together. At the barbeque for the freshmen on Monday, most of them had formed their own particular groups, often people close to their own cultures.

In the evening, they were formally welcomed to MIT by Associate Director of Admissions Marilee Jones. She was enthusiastically cheered by all, most of them ready to launch into a standing ovation. This might have something to do with the fact that she is the person responsible for international admissions.

Her main advice to the freshmen was to get involved in activities, for she assured them they would all have no problems in the courses they would take at MIT. She also asked each one of

them to adopt an American, "for they need lots of help." This was greeted by anemic clapping.

The next speaker was Associate Dean Robert M. Randolph from the Office of Dean for Student Affairs (ODSA). After Jones had assured them all to take it easy academically, he told them his main concern was that they all do graduate. This, he said, should be their primary goal at MIT. "This sounds more like MIT," was somebody's whispered comment. He also advised them all to count up to five before crossing Mass. Ave. This was presumably not taken in the same vein as his first bit of advice.

The next morning the freshmen were shown around MIT. In the afternoon there was a semi- (Please turn to page 13)



Tech photo by Shari Jackson

Freshmen began arriving at the R/O Center yesterday. The Class of '90 has a record number of women.

## R/O Schedule

### Friday, August 29:

**Noon - 2 pm:** Freshman picnic in Killian Court (rain location: New Athletic Center). The MIT Community is invited to welcome the new students. Food will be served only to those people with tickets. Note that this time is earlier than last year.

**2 pm:** President's Convocation for all new students in Kresge Auditorium. Followed immediately by Fraternity Rush on Kresge Oval.

### Sunday, August 31:

**8 am:** Fraternities may offer bids to new students.

### Monday, September 1:

**8 am:** New students may accept bids from fraternities.

**9 am:** Dormitory Preference Cards available in the R/O Center.

**5 pm:** Dormitory Preference Cards due in the R/O Center.



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# news roundup

from the associated press wire

## World

### Riots plague Soweto

Civil rights leader Winnie Mandela predicts the situation will get worse after 20 blacks were shot to death by police and one town councilor was hacked to death in violence Wednesday. Sixty others were shot, beaten, or stoned in what is described as the worst township rioting in more than a year. Anti-apartheid leaders say that as many as thirty have died.

South African officials said police fired on people only "to protect life and property." But one anti-apartheid leader called the assault by security forces a "cold-blooded massacre."

Yesterday students at a mostly white university in Johannesburg met to protest the riots. The meeting ended with students throwing rocks at police, and the police using tear gas against the students. (AP)

### Relief coming to Cameroon

Emergency food and medical supplies are trickling in to Cameroon. But relief efforts are being hampered by the rugged terrain and the remote location of the lake where poison gas bubbled up and killed 1500 people. One Western diplomatic source said the country's tiny army is being strained to the limit to deliver the supplies.

Health officials are still trying to assess the effects of the gas leak. Most of the dead have been buried, many near where they fell. Officials are now trying to deal with the carcasses of thousands of animals killed by the fumes. The officials fear flesh rotting in the tropical heat could start an epidemic. (AP)

## Local

### Kariotis blasts Westfield report

A new report on the Westfield State College sex scandal has quickly become an election year issue on Beacon Hill. At a news conference yesterday, Governor Michael Dukakis commended the report by retired judge Randolph Pierce. Dukakis said it showed how the Board of Regents failed to full investigate allegations of sexual misconduct on the part of the president of Westfield State. But republican opponent George Kariotis called the report a whitewash. Also, Republican State Chairman Andrew Nastios said it would have been impossible for Pierce to be objective since the Board of Regents paid for the report and Pierce was a contributor to the Dukakis political campaign. (AP)

### Massachusetts is Irish center

A survey by the Joint Center for Political Studies shows that Massachusetts has five of the ten most-Irish congressional districts in the country. It also found that Massachusetts has one of the top ten most-Italian districts and two of the top ten most-French districts.

The Massachusetts eighth district, which includes both Harvard and MIT, has the highest percentage of college students.

The center said that the most-Irish district in the nation is the eleventh congressional district represented by Congressman Brian Donnelly. The study said that 37.7 percent of the districts residents have at least one parent of Irish ancestry.

Congressman Edward Markey's seventh district, including Medford and Malden, was the third most-Irish district at 32.8 percent. The district was also the fifth most-Italian at 27.2 percent.

The ninth district represented by Joe Moakley which includes heavily Irish South Boston was sixth among Irish districts.

The eighth congressional district currently represented by House Speaker Tip O'Neill and the third district represented by Joseph Early were tied at seventh place with 27.8 percent Irish.

Moakley said the heavy concentration of Irish may help explain why the Massachusetts congressional district works so well together and why all its members have similar voting patterns.

While Irish are the predominant group in eastern and central Massachusetts, the French and people of French-Canadian ancestry reign supreme in western Massachusetts.

The second district represented by Edward Boland is the fourth most-French in the country at 27 percent, and the first district represented by Silvio Conte is the tenth most-French at 23.5 percent.

Other heavily French districts are in Louisiana, New York, Maine, and New Hampshire.

### Explosions hit Afghanistan

A series of explosions rocked the capital city of Afghanistan Wednesday, and casualties could be high. An army ammunition depot in Kabul reportedly blew up shortly after midnight. The government immediately sealed off the area, but eyewitnesses said dozens of ambulances were seen rushing in and out of the district. Western diplomatic sources said the explosions could have been the work of anti-government groups. (AP)

### Bolivia cracks down

The government in Bolivia is taking steps aimed at putting down a wave of unrest. It has declared a state of emergency and given security forces power to make widespread arrests. The orders came in response to protests against the government's decision to close mines and fire many of the people who worked in them. (AP)

## Nation

### Pets safer than kids

A new study says parents are more likely to hit their children than pet owners are to strike their dogs or cats. Research by a University of Rhode Island sociologist says 95 percent of the pet owners surveyed never or rarely hit their pets. However, Alexa Albert said surveys have found most parents use physical punishment to discipline their children. (AP)

### Space group calls for more money

The prestigious American Institution of Aeronautics and Astronautics said the United States is in danger of becoming a second-rate space power unless spending for civilian space programs is doubled. The group said the United States must make a long term commitment to stay ahead of other countries. (AP)

### Economic indicators are up

The Commerce Department said the July index of economic indicators was up a healthy 1.1 percent. Seven of the 11 indicators were up while only three declined. But the department said the revised June index fell 0.4 percent rather than increasing by 0.3 percent.

White House spokesman Larry Speakes said the numbers give the administration more reason to believe their optimistic predictions about the nation's growth will come true. Most analysts are predicting modest growth for the rest of this year. (AP)

### Judge gives spy 365 years

Convicted spy Jerry Whitworth was sentenced to 365 years in jail yesterday. He will also have to pay a \$410,000 fine. The former navy radioman was convicted last month of supplying naval secrets to the Walker family spy ring, which sold these secrets to the Soviets. As he was sentenced, Whitworth said, "I just want to say I'm very, very sorry." (AP)

### Superpower summit in doubt

A second superpower summit remains an open question. The Soviet deputy foreign minister said yesterday that his nation isn't interested in "an empty summit" and that any discussion between the superpower leaders would have to "have some results." The official made the comment in Washington at the end of a two day meeting with US officials over regional disputes. The official said there was little progress made on the issues discussed. (AP)

### FAA head calls for drug tests

Federal Aviation Administrator Donald Engen said he thinks all air traffic controllers and anyone else in the FAA who flies or works on planes should be tested for drugs. He told ABC that the FAA will do all it can to keep drugs out of the air traffic control system. The FAA has announced plans to require pre-employment drug testing and annual physicals which include a drug test. The program will affect about half of the FAA's 47,000 employees. (AP)

### Chernobyl could kill 75,000

The American doctor who treated victims of the Soviet nuclear accident said health experts believe as many as 75,000 people could die worldwide in the next 70 years from cancers caused by the Chernobyl disaster. Dr. Robert Gale, who is attending a meeting of nuclear experts in Vienna, said at least 1000 deaths are expected, the actual number probably lies somewhere between the extremes. (AP)

### Use of British-based planes in Lybian raid was illogical

The editor of the *Jane's Fighting Ships* yearbook said the use of British-based US planes in the April raids on Lybia was "apparently illogical." In his forward to the 1986-87 defense publication yearbook, John Moore said that the fact that carrier aircraft in the Mediterranean could have been used suggests the United States wanted to involve European allies. (AP)

### Legionnaire's disease hits

Two wards of a California hospital have been evacuated because of an outbreak of Legionnaire's disease. Six patients in the City of Hope hospital in Duarte have come down with the mysterious ailment; three of them have died. A hospital official said closing the wing was a precaution to keep the outbreak from getting out of hand. The disease is also blamed for a death in Wisconsin and is suspected in five others in the state. (AP)

### Hormel strikers reach tentative agreement

Union meatpackers in Austin, Minnesota, who have been striking the Hormel Company for a year may be going back to work soon. But first they will have to ratify the tentative agreement reached by the United Food and Commercial Workers Union with the company on Wednesday. A union negotiator announced the agreement, which he said would eventually raise salary levels above wage cuts ordered by Hormel in 1984. (AP)

### School censorship rising

Attempts at censorship in the public schools were up by thirty percent last year, according to People for the American Way. The liberal lobbying group said it found 130 incidents in which attempts were made to censor books, films, and other learning materials used by schools and libraries during the 1985-86 school year. The group's president says the scope of the attacks have broadened from particular books to whole series of subjects. (AP)

## Sports

### American League East Standings

	W	L	Pct.	GB
BOSTON.....	74	53	.583	—
Toronto.....	70	58	.547	4½
New York*.....	67	59	.532	6½
Detroit*.....	68	60	.516	6½
Baltimore*.....	64	61	.512	9
Cleveland.....	64	64	.500	10½
Milwaukee.....	63	63	.500	10½

\* Not including late games

## Weather

### Sunny skies for R/O

**Friday:** Mostly sunny with a brisk wind. It will be quite cool. High 67.

**Friday night:** Clear and chilly. Low 48.

**Saturday:** Sunny to partly cloudy. Warmer in the afternoon. High 74.

**Sunday:** Sunny with a high in the 70's.

Forecast by National Weather Service

Compiled by Andrew L. Fish

# opinion

**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 should be addressed to **The Tech**, PO Box 29, MIT Branch, Cambridge MA 02139, or by interdepartmental mail to Room W20-483. Letters should be typed and bear the authors' signatures, addresses, and phone numbers. Unsigned letters will not be accepted. **The Tech** reserves the right to edit or condense letters. We regret we cannot publish all of the letters we receive.

## The Tech

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DAN SIFFELMAN COPY-NEW SERVICE



## feedback

### Biblical law is not always civilized

To the Editor:

I am writing in response to a letter written by Georgia M. Nagle ["Sodomy ruling is justified"] in the August 12, 1986, issue of *The Tech*.

Ms. Nagle points out that her Judeo-Christian religious background, based on the Holy Bible, is the basis for agreeing with the Supreme Court's decision upholding the Georgia sodomy law. She contends that this law prevents homosexuals from having sex which is a "perversion" of God's laws.

I happen to come from the same background as Ms. Nagle and have to disagree with her belief that homosexuality is unnatural and contrary to civilized law. Also, the Supreme Court's decision makes these same practices unnatural between married heterosexuals.

At a museum in Plymouth, Massachusetts, there is a copy of similar laws that were based on the same beliefs for the state of Connecticut. The punishment for homosexuality was death. The other "civilized" laws based on the Bible included the death penalty for infidelity and children who disobey their parents!

If there is ever an argument for separation of church and state, these laws are it. The Bible would make all forms of sexual contact outside of heterosexual marriage illegal. Only procreative intercourse would be legal.

A person who decides not to marry would have to live out

their life without experiencing any form of sexual conduct. Even masturbation is an unnatural act on par with homosexuality according to the Bible.

Ms. Nagle mentions AIDS in support of her argument. She seems to think that AIDS is spread through "unhealthy" homosexual acts, when in fact traditional heterosexual practices are an efficient way to transmit the disease. Also, on a global scale, the disease has been and still remains primarily among he-

terosexuals.

When it comes to something as private as sexual practices between consenting adults, the government has no place deciding what is moral and what is not. Different people hold different beliefs. The United States is supposed to be a place where people come to escape religious persecution. Let's keep it that way.

Tony Chiango

Director,

University Film Study Center

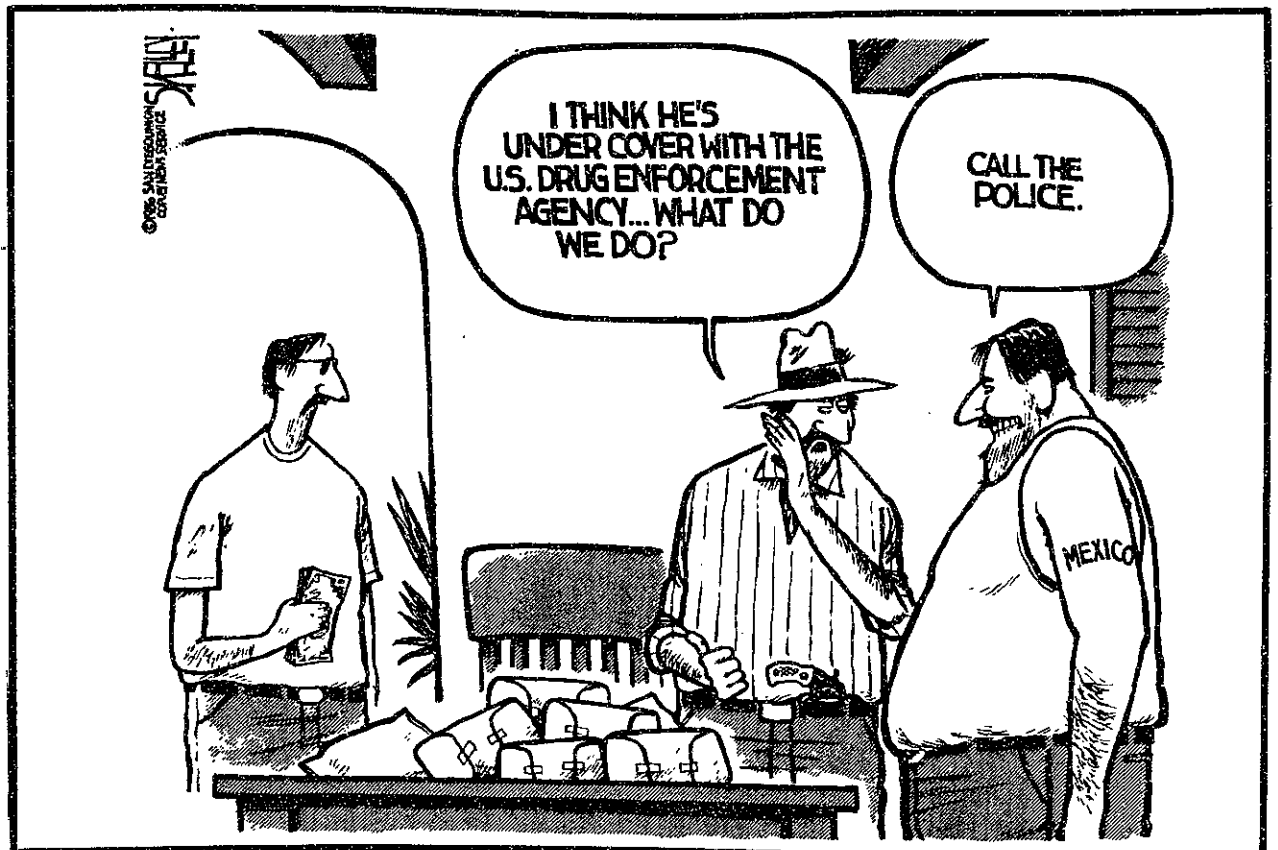
### Air Force ROTC drills disturb East Campus

*(Editor's note: The Tech received a copy of this letter addressed to Emmanuel J. Scivoletto, Director of Air Force Aerospace Studies)*

Dear Mr. Scivoletto,  
 I am writing to you on behalf of myself and many of the residents of East Campus. On the morning of Saturday, August 23, MIT Air Force ROTC, in conjunction with the AFROTC divisions of several neighboring schools, held exercise and training drills in the courtyard of East Campus. This resulted in a very visible annoyance on the part of East Campus residents; many were woken up and deprived of sleep and privacy by the noise you generated, and were angered at the loss of their facilities for the morning, in particular the volleyball court.

We the residents of East Campus would like to request that in the future these exercises be held at an alternate site. Briggs Field and Rockwell Cage are specifically designed as public facilities, whereas the East Campus courtyard is foremost an area to be enjoyed by its residents and to a lesser degree by the MIT community at large; it should not be monopolized by an outside group. Both Briggs Field and Rockwell Cage are sufficiently isolated to prevent the type of intrusion which occurred at East Campus several days ago. Please do not treat this issue lightly, as the anger generated by your last event is only likely to increase in response to future occurrences.

Adam B. Rosen '88



# opinion

## feedback

### Nagle shows no compassion

To the Editor:  
 Unlike Georgia Nagel, I was not brought up in the Judeo-Christian tradition. Perhaps that is why I can't reconcile what I've read about Christianity with the way most Christian churches treat homosexuals. Though not Christian, I have read the New Testament; it is joyous and lov-

### Heterosexuals are also able to transmit AIDS

To the Editor:  
 Georgia Nagle's pathetic bigoted diatribe against homosexuality ["Sodomy ruling justified," Aug. 12] deserves a blunt reply. Judeo-Christian mythology not withstanding, how can anyone believe that a Creator of the Universe would run around fretting about what people do with their sex organs? Surely, in her more lucid moments, Nagle must suspect that this particular preoccupation is her's, not God's.

Nagle's letter is a cesspool of hatred and ignorance, but one piece of life-threatening misinformation stands out. Nagle seems unaware that heterosexual intercourse can transmit AIDS, and that all people, straight and gay, need to learn and practice appropriate precautions.

Gary L. Drescher G

ing. Around me I see Christian organizations fighting anti-discrimination measures, trying to have homosexual teachers fired, demanding lifelong celibacy of people who don't feel called to it, or simply dismissing homosexuals as "unnatural" perverts.

Even if homosexuality is "unnatural" — whatever that means — I am puzzled that Christians could think such ugliness Christian behavior. I suppose this is because of my ignorance. The spectacle of churches which preach love and compassion

practicing systematic persecution is a vivid lesson in the meaning of Christianity. I wonder if it's a lesson of which the founder would approve?

Sue Haggadorn G

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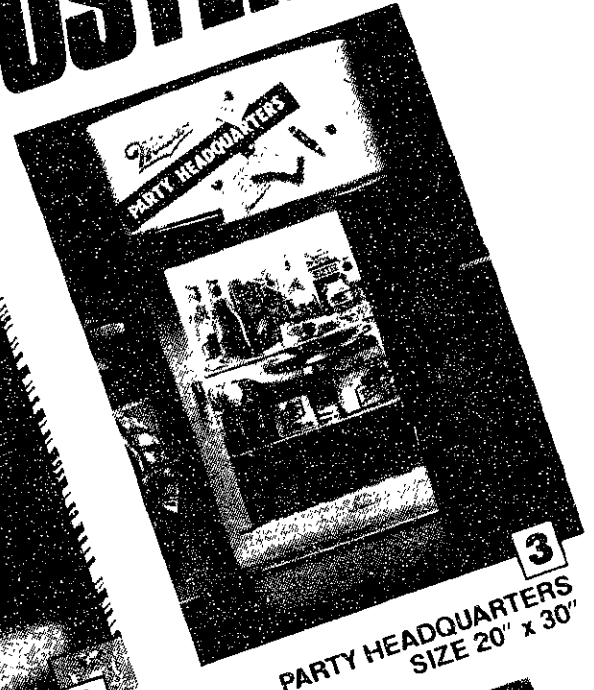
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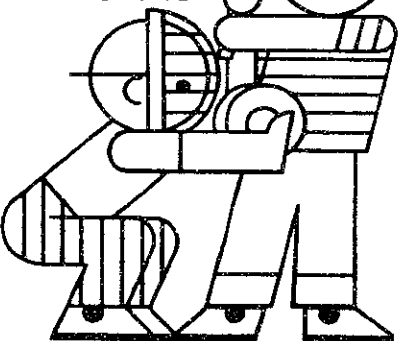


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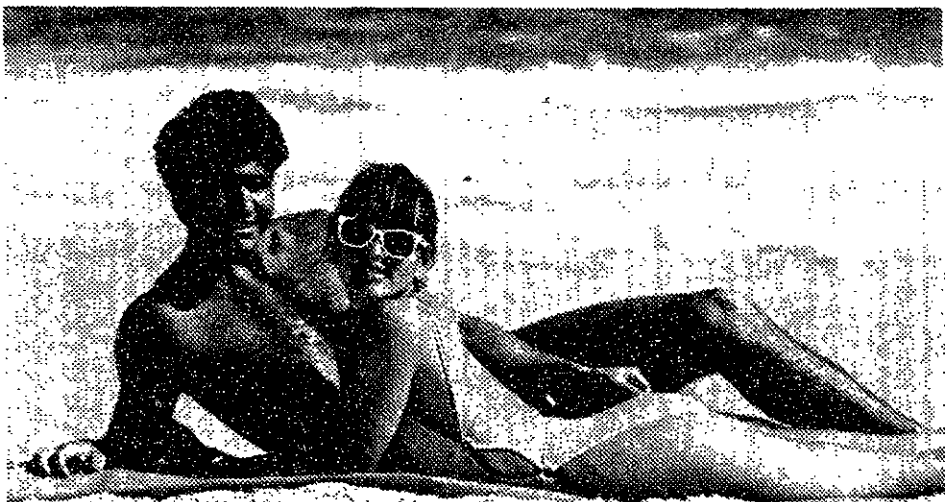
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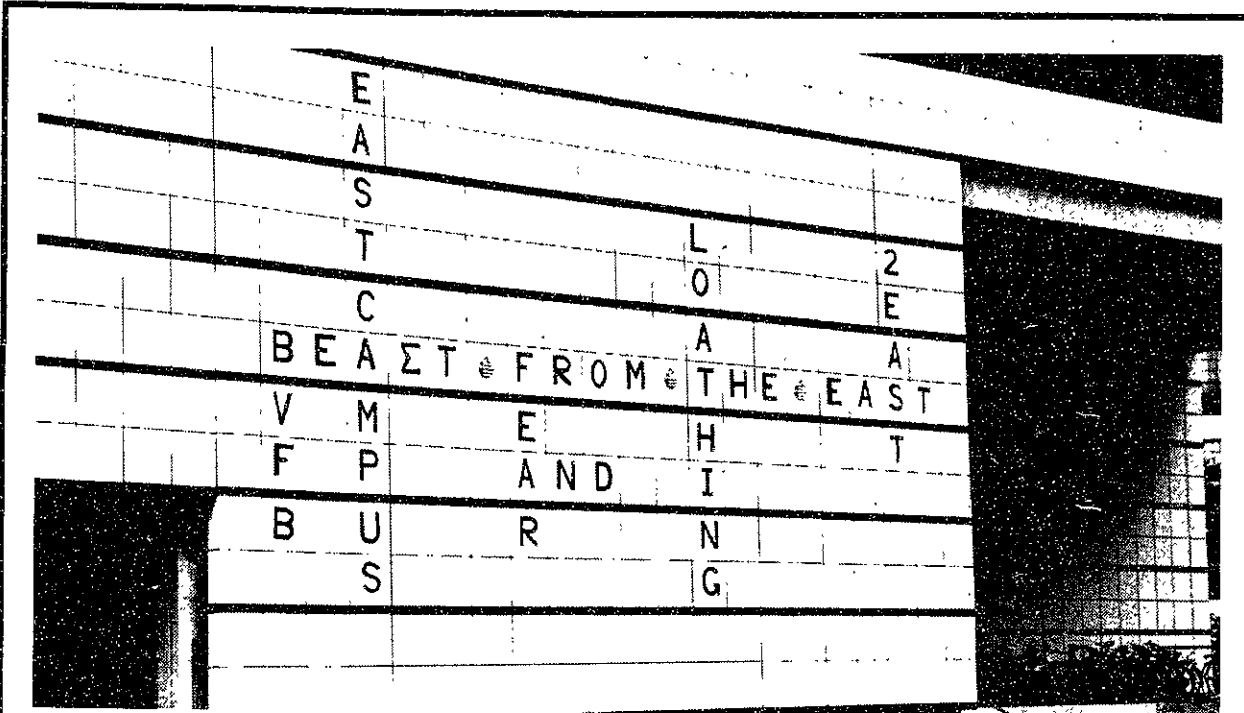
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Tech photo by Simson L. Garfinkel

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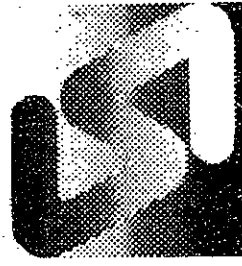
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## notices

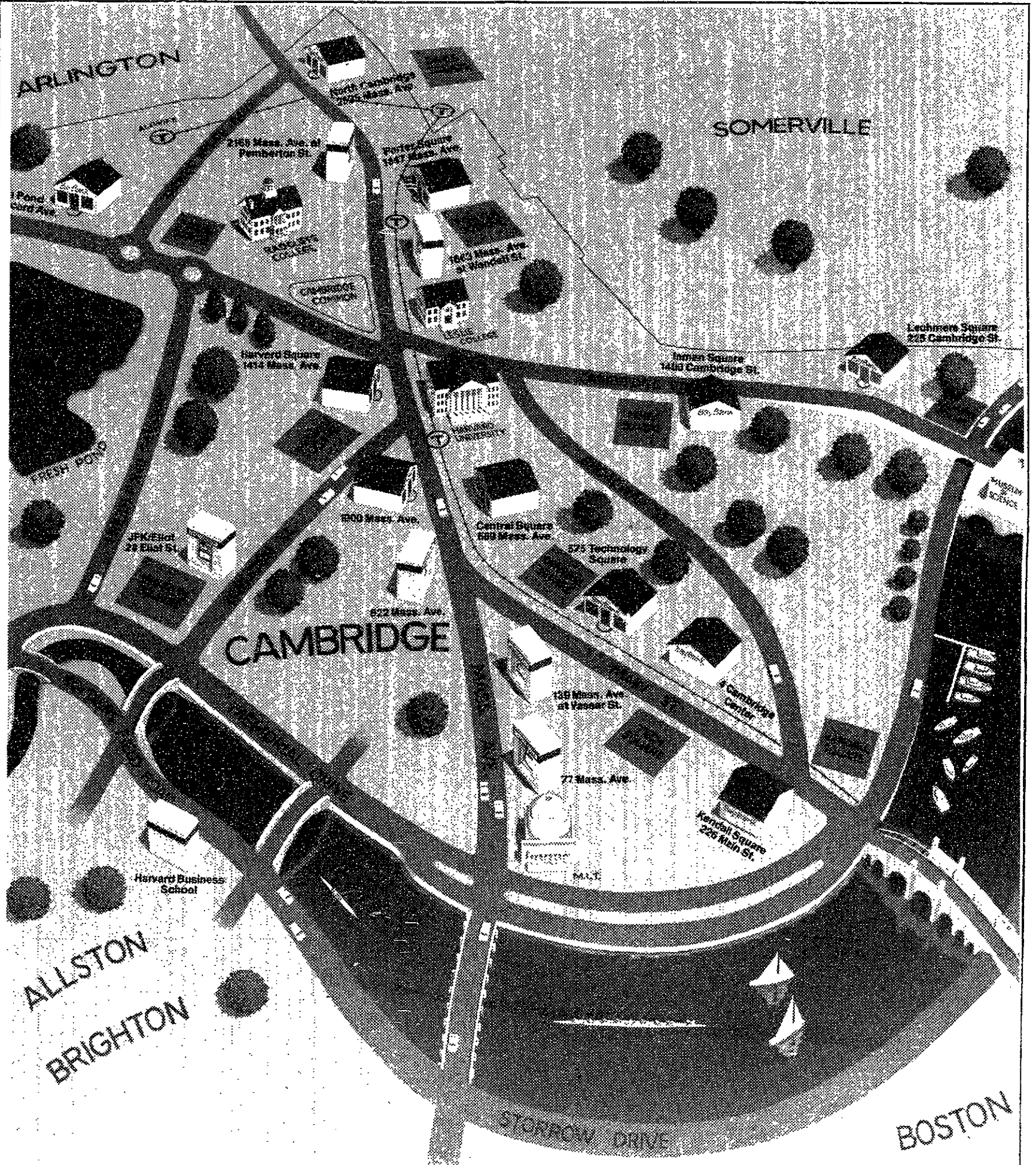
The Student Center Committee's **PARTYLINE** is once again working. Call anytime 253-3942 with party news; call Thursday through Saturday to hear about the parties around campus.

All **second term sophomores** considering a career in medicine should make an appointment this term for a premedical advisor. Please phone x3-4737 or come by 12-170, Office of Career Service and Preprofessional Advising.

The 28th edition of **Serials in the MIT Libraries** is now available. This microfiche listing of approximately 22,000 titles includes information on holdings, dates, call numbers, and title changes. Prepayment is required. The price is \$20.00; for MIT staff and students, \$5.00. To order please send check, payable to Massachusetts Institute of Technology to: Office of the Director, Room 14S-216, MIT Libraries, Cambridge, MA 02139.

Do you have something to offer the Public School students of Boston? Nearly all college students do, and many are now sharing their talents as **S\*T\*A\*R** volunteers. For the last 20 years, college **S\*T\*A\*R\*S** have contributed by tutoring giving presentations, or simply by reading a story.

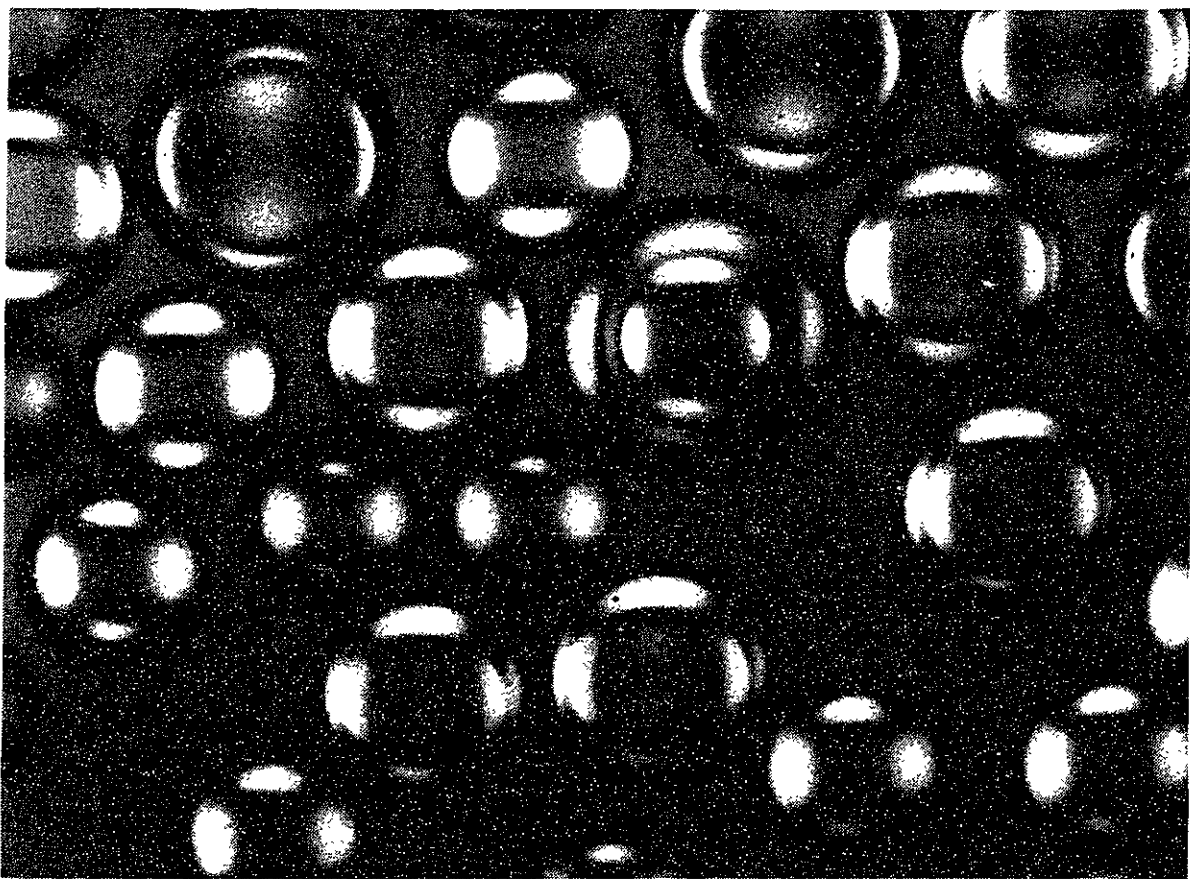
School volunteers also offers internships in Publicity/Marketing, Community Organizing and Recruitment. For more information, call 451-615, or visit the School Volunteers Office at 25 West St., between the Park St. and Washington stops on the MBTA.



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ARTS



**Mathematics and Optimal Form**  
Stefan Hildebrandt and Anthony Tromba  
W.H. Freeman and Company, \$29.95

by MARK KANTROWITZ

**A** CLUMP OF DIRT, though superficially disorganized and random, embodies a surprising amount of regularity. Beneath the surface muck lies a complex structure, which obeys a myriad of mathematical laws. *Mathematics and Optimal Form* attempts to examine these patterns by exploring the history of the mathematics behind the forms.

The shape of objects such as an egg or a flower derive from the entropic tendency in nature to minimize or maximize some quantity. This optimization occurs subject to some set of constraints. For example, a planet or a soap bubble is round because that shape minimizes stress. This minimization principle is the basis of the calculus of variations, a field of mathematics

which has applications ranging from Einsteinian physics to the shape of an aircraft wing.

Lucid explanations of the underlying natural principles are illustrated by a collection of stunning color photographs. Even if you couldn't care less about the mathematics or the physics, the pictures alone make the book worth at least a glance.

Unfortunately, the authors provide very little explanation of the contents of the photographs. This is disappointing because the illustrations have relevance to the subject matter of the book.

The photograph of Ballotini balls, for example, illustrates the perfect shape of spheres. However, the authors use it mainly for its value as a pretty picture. (Ballotini balls are tiny glass spherules that are used in Venetian glass mosaics.)

The book is worth buying if you are interested in both the mathematics and the photography. Otherwise, get a copy from someone else.

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**Sun. Sept. 14:**  
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Our regular semester schedule begins Sun. Sept. 21. For more information, please call 225-9171 for a recorded announcement.

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## ARTS

# Instrumental albums offer listening pleasure

**Three Solo Instrumental Albums**  
Recent releases of solo instrumentalists are reviewed below in order of preference.

by RONALD E. BECKER

Andreas Vollenweider: *Down to the Moon*. CBS Records/42255.

**T**HE MOST INCREDIBLE harp playing that you may ever hear — Vollenweider mixes the jazz, rock, classical, and folk styles of music into a pleasant collection of upbeat music. Vollenweider, from Switzerland, is currently on tour in the US. This album, released in conjunction with the tour, is a *tour de force* worthy of your consideration.

The harp is an unusual solo instrument for this type of music, and sounds much like a classical guitar. The back cover of the album (pictured) is intensely colored, and reflects the intensity with which Vollenweider plays his instrument.

The music fades between somewhat random interludes of chord progressions and melodies with strong thematic overtones. The album cover carries the motif of the moon and the melodies echo this theme.



A harp has a mystical sound in itself, but the creativity of Vollenweider brings its full force to the surface. The background musicians also add strongly to the atmosphere of the album without overwhelming the harp.

Vollenweider is an original and unique artist, and his music will beautifully accompany any activity or lack of activity.

David Valentin: *Light Struck*. GRP Records/GRP-A-1026. Also available on compact disc.

**A**S A VERY BAD, amateur flautist, I enjoy hearing a good, professional flautist. *Light Struck* lived up to my expectations. Dave Valentin is a good flautist who plays great music.

All the songs on the album are instrumentals except for "Can't Change My Heart," sung fairly well by Angela Bofill. Unfortunately, it is out of place on this album, but that is only a small blemish on an otherwise exceptional collection.

The record, digitally mastered, reproduces the excellent tone of Valentin's "Fantasia" flute. The story behind the flute is given on the inside jacket in a letter from the creator of the Fantasia. The description is quite self-laudatory, but not entirely unjustified.

Valentin primarily plays other people's compositions — and picks the ones he plays well. All the instrumentals on this album are vibrant and well-executed.



Eddie Daniels: *Breakthrough*. GRP Records/GRP-A-1024. Also available on compact disc.

**T**HIS ALBUM SPARKED a conversation between an incoming transfer student and myself. He was a music major before coming to MIT and we discussed the difference between a studio performer and a solo musician. Based on what we were hearing we decided that it was politics and luck.

Daniels is a good performer, but no aspect to his performance makes him stand out above the London Philharmonic Orchestra, which he hired to perform with him. Daniels' debut album is a good record, probably worth \$5 if you like clarinet music with a classical flair. However, it is not on the same par as the two albums above.

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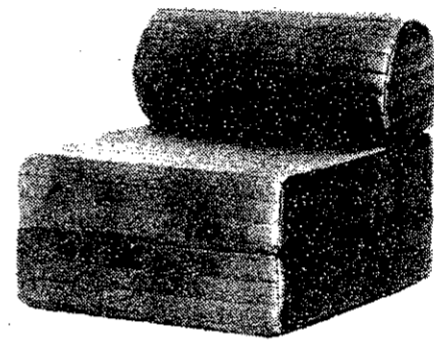
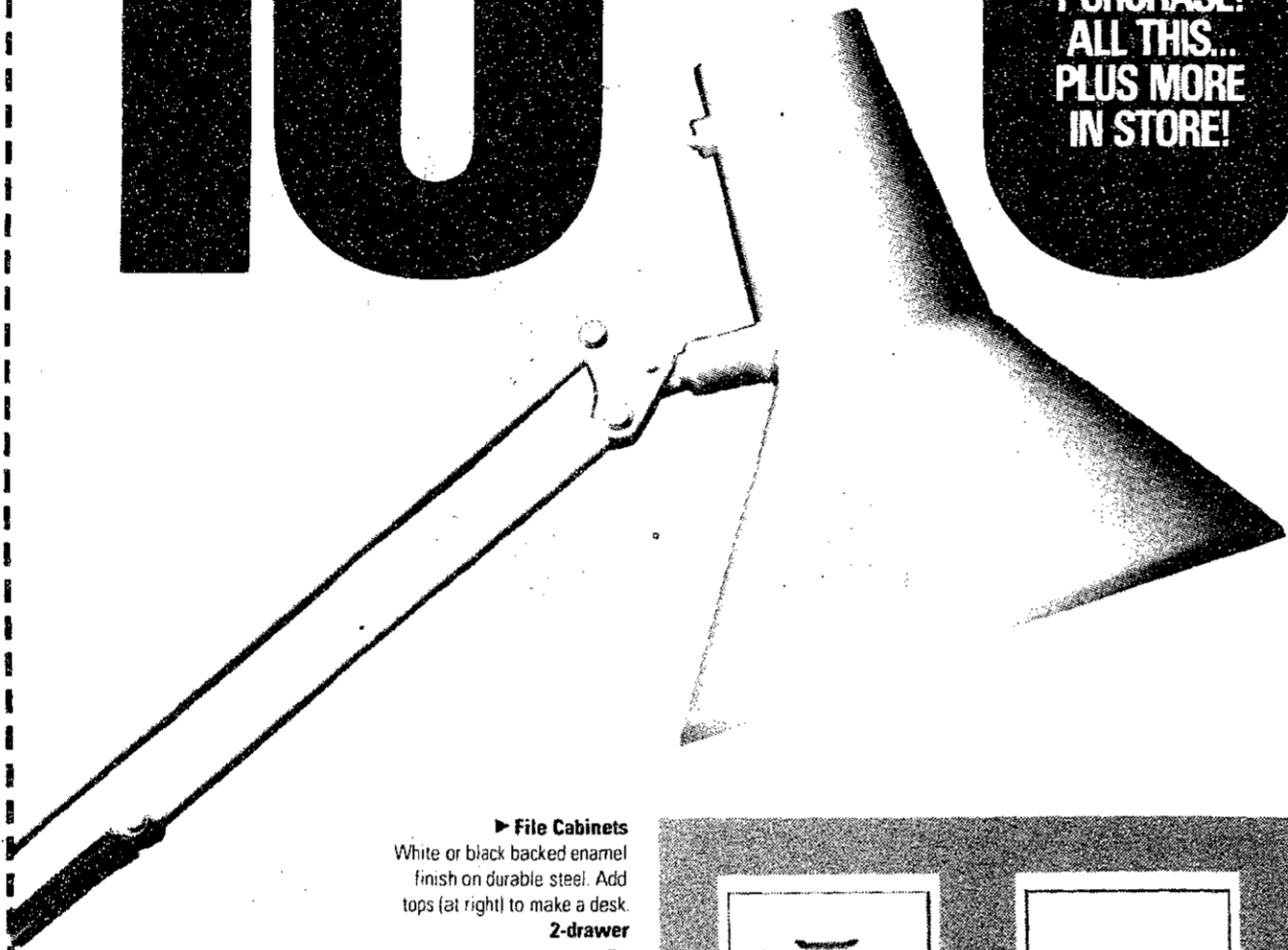
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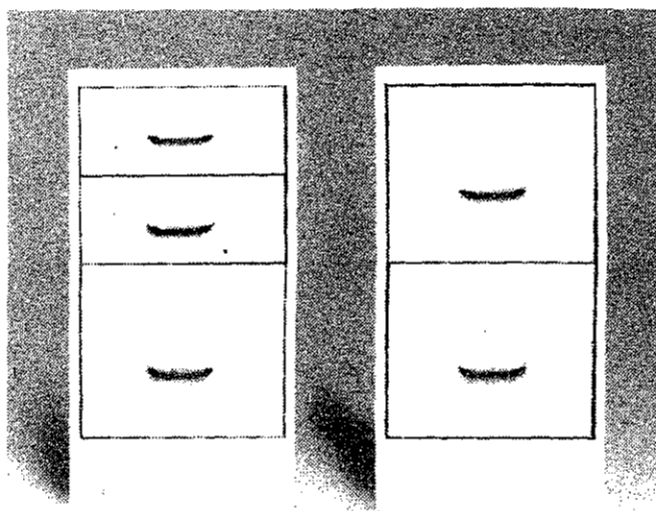


◀ **Opener**  
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▶ **File Cabinets**  
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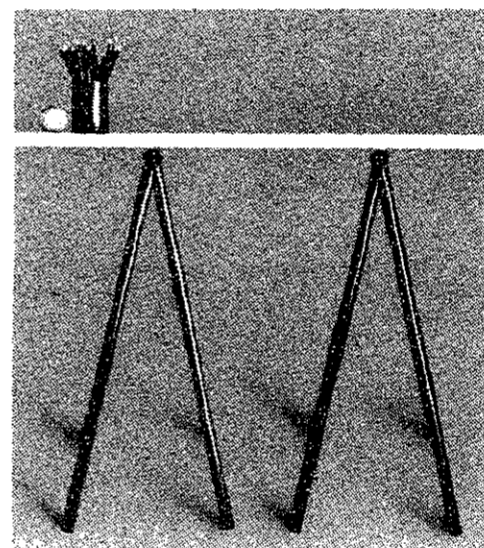
2-drawer  
**\$59**

3-drawer  
**\$79**



◀ **Laminate Tops**  
Combine with files or trestles to form a desk. 3 sizes to choose from, in black or white. 30" x 60"

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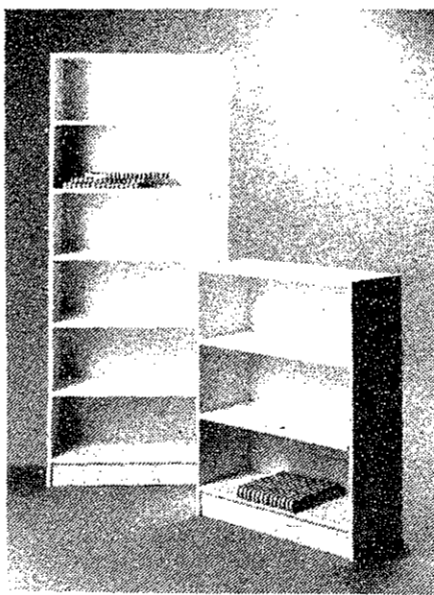


◀ **Trestles**  
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▶ **Tome Bookcases**  
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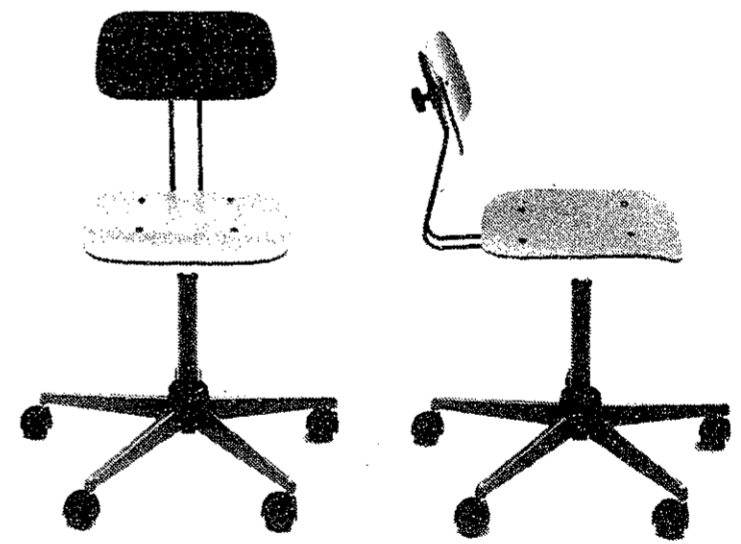
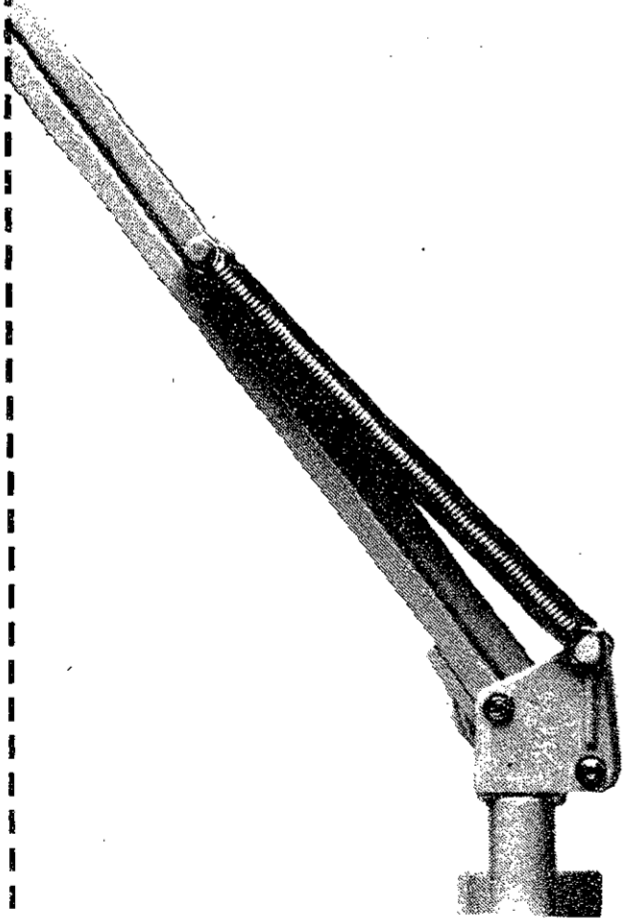
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## Ertel does not anticipate any rush problems

(Continued from page 1)

hasn't changed significantly. He estimated that 350 undergraduates would join independent living groups.

Ertel did not expect the relatively high percentage of incoming women to effect the final number of pledges. "I have confidence that [the fraternities] are aware of the numbers" and will act accordingly, he said.

Earlier this summer InterFraternity Conference (IFC) Rush Chairman Timothy L. Lash '87 said the IFC had a target of 400 freshmen, the same as last year.

Lash did not anticipate any problems with fraternity rush. "Every year there are freshmen that are turned away because of lack of space," he said.

This year upperclass crowding in the dormitories is almost certainly going to be entirely voluntary since the housing office "did limit switches into dorms that would have been a problem," Braden said.

### Crowding problem last year

Last year 195 rooms were crowded, affecting over 400 members of the freshman class. Ten lounges in MacGregor House were converted into doubles to handle the overflow.

Former Associate Dean for Student Affairs Robert A. Sherwood was concerned that the crowding problem would become chronic, with last year's large class crowding the housing system for four years.

He was also concerned that fewer students would leave the housing system to enter the Boston housing market. "I would suspect we are in for a long haul," he said last year.

Sherwood felt that the crowding situation might call for a review of MIT's guaranteed housing policy. The policy was not changed.

The large number of crowds last year caused President Paul E. Gray '54 to call for a reduction in class size. The call was apparently heeded. This year's entering class has 997 members — 59 students less than last year's class.

## BU dorms are not licensed

(Continued from page 1)

out in the snow in December."

About 30 students have been housed in local hotel rooms reserved by BU, Mercurio said. The remainder are expected this weekend, but BU has not been able to find any other rooms, he added.

"It's putting some teeth into an agreement struck in 1980," said James Buechl, director of the Audobon Circle Neighborhood Association. "I'm hopeful that BU recognizes and abides by that agreement."



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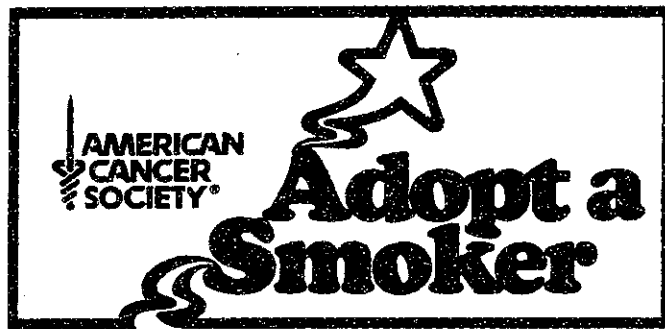


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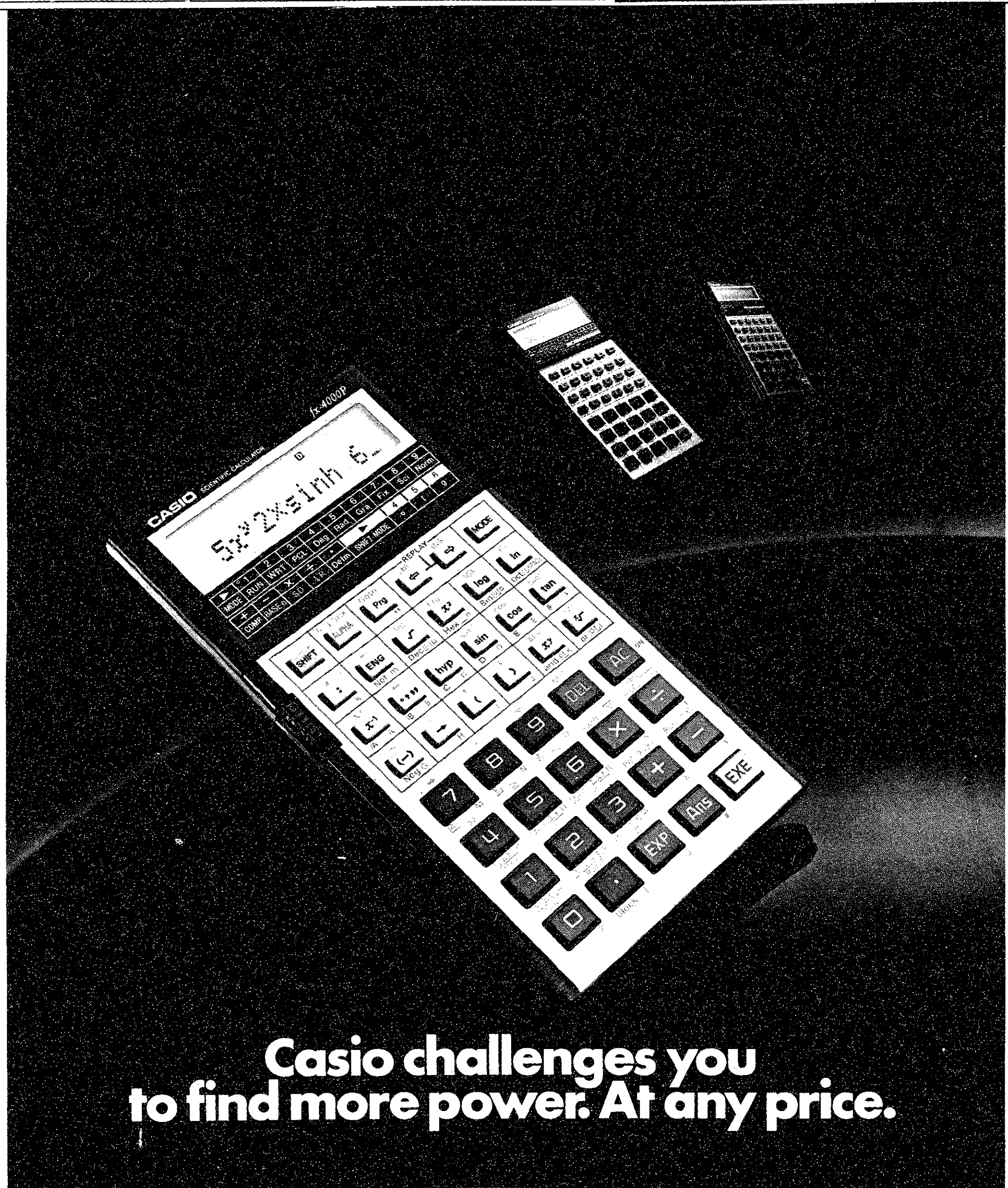
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Memory	550 Step	448 Step	84 Step
Formula Replay	Yes	No	No
Computer Math	Yes	No	Some

## International students learn about MIT

(Continued from page 1)

formal tea party for the freshmen and some of the faculty. But the highlight of the day was the international slide show. Every freshman introduced himself or herself and showed some slides of their country.

Unfortunately, the slides had been previously collected by the International R/O workers and sometimes the freshman involved had no idea what the slide was. One such slide was completely disowned with the terse explanation, "That's not a part of my country." Most creative was a freshman from Trinidad who showed a slide of his birthday party which looked suspiciously like a traditional tribal dance.

Immediately afterwards the group was taken to the nightclub Celebration to cap off a day of glorious weather and lots of fun for all.

By now most of the freshmen looked remarkably confident, ready to face and fight the world. The next day it rained. A planned tour of Boston was scrapped and the freshmen watched a slide show of Boston, that is, those who had become used to sleeping very late and waking up very early. Spirits were somewhat damped, but then it was a morbidly cloudy day.

By Thursday, as all the other freshmen started coming in, International R/O was over. The band of lost, confused and slightly scared freshmen who had come in over the weekend now knew their way around the campus and had found a group of friends for themselves. As they saw hundreds of freshmen coming in, each as lost as they had been, they realized the full value of International R/O.



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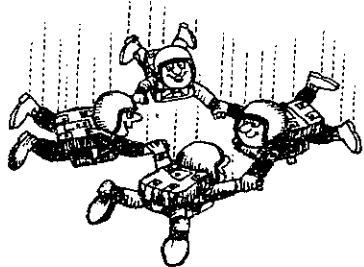
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- Typography?
- Page Layout?

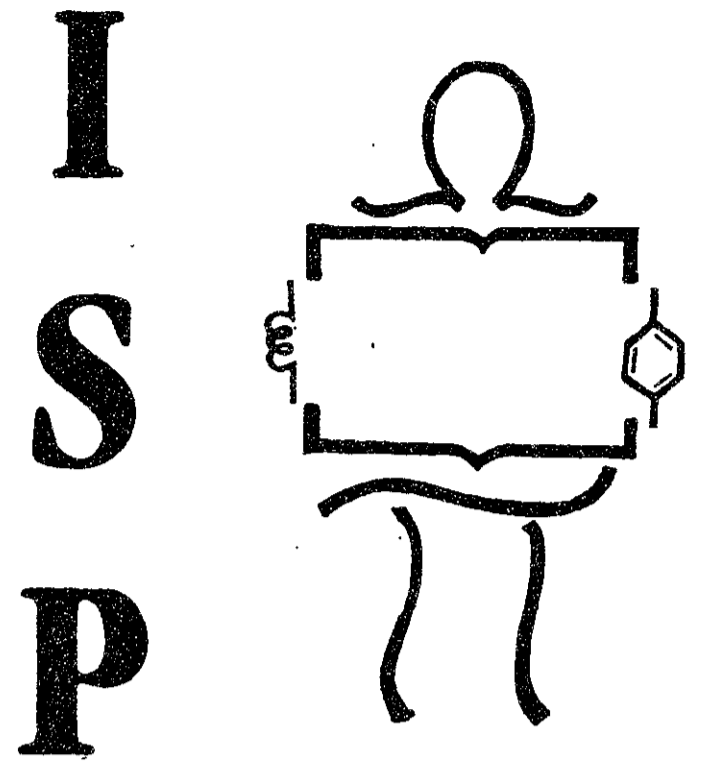
**The Tech**

Sponsored by the MIT Frisbee Club

**Play Ultimate**

Monday 3pm  
All welcome  
Athletic Fields

Reason #6 to visit *Phi Kappa Theta*:  
**LOBSTER DINNER TONIGHT**  
*(Rushing Sophomores Welcome)*



*...We make connections!*

Integrated Studies Program 20C-117 253-4074  
253-7407

The Integrated Studies Program is an alternative way to do your freshman year.

**ISP offers:**

- recitations and tutorials for 8.01, 18.01/2, 3.091, 5.11
- Related HUM-Ds and seminars
- Individual attention to your academic needs
- Enthusiastic faculty and tutors

**Open Houses**

Thursday, August 28	2 - 5 PM	20C-117
Monday, September 1	2 - 5 PM	20C-117
Tuesday, September 2	1 - 4 PM and 6 - 8 PM	20C-117
Wednesday, September 3	4 - 6 PM	20C-117
Thursday, September 4	12 - 5 PM	20C-117

**All freshmen welcome!!**



Announcing Orientation  
for

**CONCOURSE**

Tuesday, September 2, 4-6pm



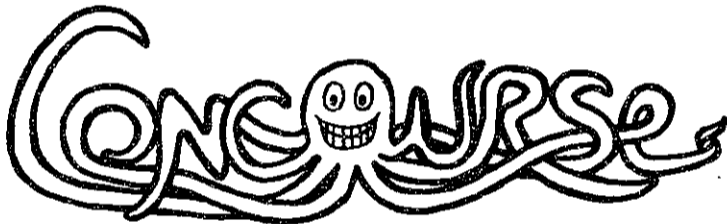
- All freshman requirements
- Theme of "Mind, Machine and Meaning"
- Multidisciplinary approach



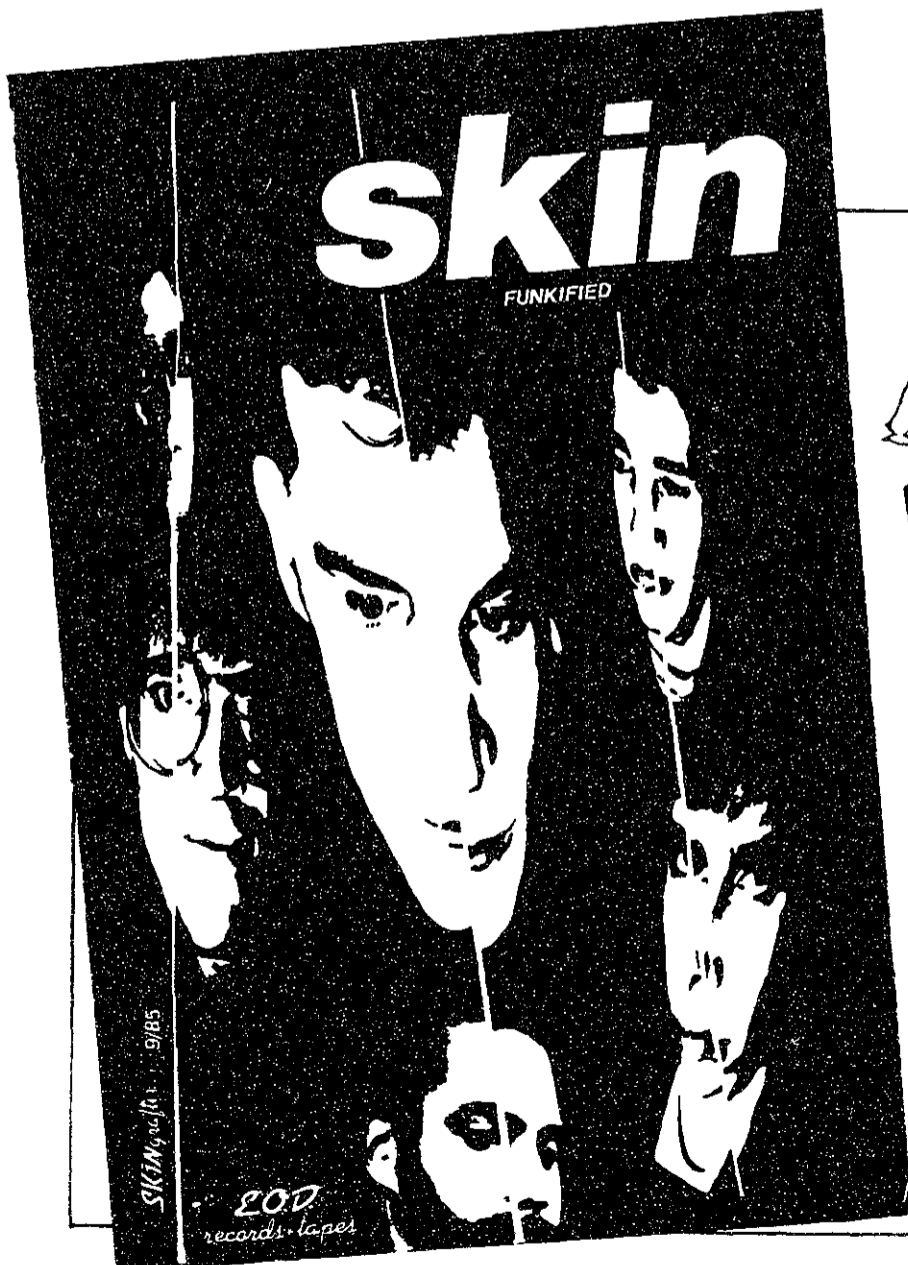
- Well known and well qualified in specialties from linguistics to orthopaedics.
- Help always available.



- Small class size
- Co-operative learning
- Come by and see!



Concourse Lounge, 20C-221



**BAND Party**  
Rockin' Groov' At Wils'ic FuNkifreDSou'sia WedrevieW

survival of the hippest...

**THIS SATURDAY**

August 30th at 9p.m.

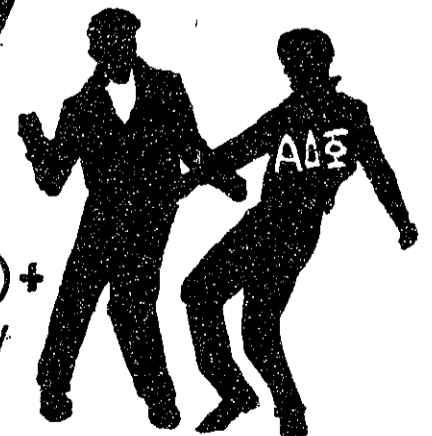
with



at WILG (the Women's Independent Living Group)+  
Alpha Delta Phi Fraternity  
351-5 Mass. Ave.

call

WILG (x3-6799) or AΔΦ (x3-2896) for rides



# The "D"<sup>TM</sup> Every Student Deserves

"At nearly half the cost of a comparably equipped IBM PC, the Model D is a superb value."

BYTE magazine, Sept '86

**FREE** software with every system:

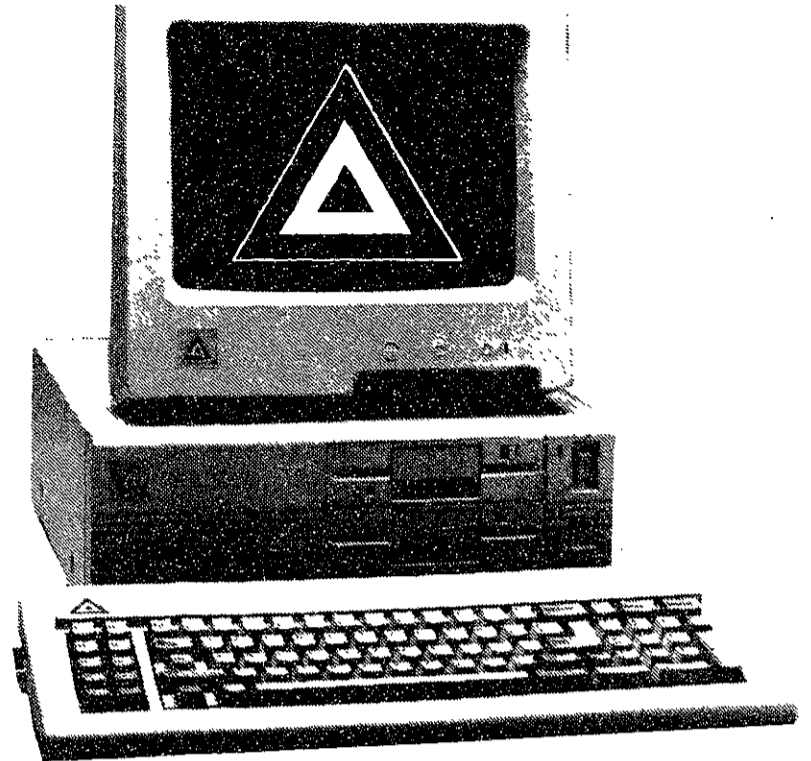
MSDOS 3.10, BASIC 3.11  
Word Processor

System prices  
starting at:

**\$1295.00**

**FREE** (with hard disk systems):

Spelling checker  
Spreadsheet



**DISCOUNTS for all students/staff purchases**

Model "D" 20MB fixed Disk system includes:

- Dual Double-Sided Double-Density Disk Drives
- 256K expandable to 640 on Motherboard
- Monochrome and Color Graphics Output
- Three Open Expansion Slots
- High-resolution Monochrome Monitor
- Selectric-Style Keyboard
- Parallel and Serial Ports
- Fifteen Month Warranty
- Lifetime Toll-free Technical Support
- Reset Button
- IBM Compatible

30MB fixed disk and Dual Floppy systems available.

**Leading Edge<sup>®</sup> Model "D"<sup>TM</sup>**

**INTERTECH**

Compatible Computers

AMES SCHOOLHOUSE OFFICE CENTER  
450 Washington St., Suite 103  
Dedham, MA

Call us at: **(617) 329-0300**

# Theta Chi



**FRIDAY  
AFTERNOON**

Join us for a  
Texas Style Barbecue  
Meet the brothers  
Eat Andy's Chili—  
an MIT favorite—  
Ribs and Ice Cream  
Starts after the  
convocation  
Call 267-1801 for rides

**SATURDAY  
MORNING**

Start your day right at  
The Original  
Steak and Eggs  
Breakfast of Champions  
time: 8-11  
Rides regularly from:  
Baker, Burton,  
and East Campus  
or call 267-1801

**classified advertising**

Classified Advertising in *The Tech*: \$5.00 per insertion for each 35 words or less. Must be prepaid, with complete name, address, and phone number. *The Tech*, W20-483; or PO Box 29, MIT Branch, Cambridge, MA 02139.

**Part-Time Typist**  
Downtown arch. firm seeks part-time typist; flexible hours; DEC-MATE exp. a plus; call Ms. Parker at 338-4029.

**LOTUS 1-2-3 PROGRAMMING JOB**  
Immediate need for student experienced with 1-2-3 for approximately 3 days to set up spreadsheet and data entry. Call 267-2900. Monoson Technology Enterprises, 21 Burlington Ave., Boston.

**INTERNATIONAL STUDENTS:** Recently Published, A Step By Step Guide to *Greencard* from F/J/H Visas. For details, send \$1.00 (Postage/Handling): Immigration Publications, Dept-F7, P.O. Box 515991, Dallas, TX 75251

**Room for rent** - furnished plus TV and linens; Kitchen privileges; Washer and dryer; garage or off-street parking. \$375.00 per month; all utilities included. Available Sept. 1, '86. Call: Hansi Durlach 648-7425.

**SUPERIOR-QUALITY WORD PROCESSING** Technical/non-technical. IBM PC, letter-quality printer. Papers, theses, reports, etc. Porter Sq. location (Somerville). For rates and prompt, reliable, GUARANTEED service, call Stuart 628-6547.

**TECH CATHOLIC COMMUNITY**

*"Let us give thanks to the Lord our God!"*

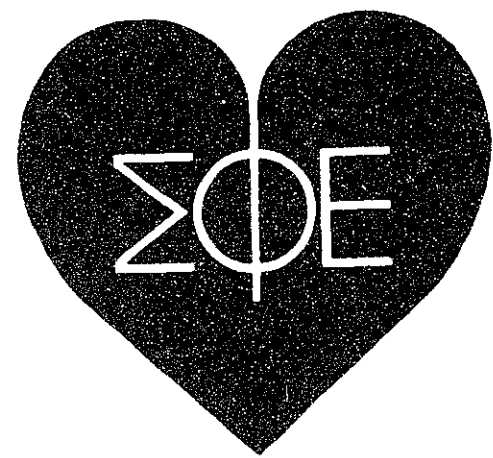
MASS SCHEDULE  
(in the MIT Chapel)

Sunday, August 31 -- 9:00AM & 12:00PM  
(Welcoming Brunch - 10AM on the Chapel Lawn)

SUNDAYS (beginning Sept. 7)	WEEKDAYS (beginning Sept. 9)
9:00AM	Tues., 5:05PM
12:00PM	Thurs., 5:05PM
5:00PM	Fri., 12:05PM

Chaplains: Fr. Bernard J. Campbell, CSP  
Mr. Bob Scheri  
President: Ms. Joanne Hetzler

Office: 312 Memorial Drive  
x. 3-2981



**SIGMA PHI EPSILON  
WELCOMES THE  
CLASS OF 1990**

THE

*Deltas*

WELCOME  
THE  
WOMEN OF THE CLASS OF '90

**ATTENTION**

All Graduate Student Activities!!

The Graduate Student Council is now accepting applications for funding of activities scheduled for the period:

October 1 to February 28

The deadline for applications is:

**September 22**

For information call the GSC at x3-2195

**KENDALL DRUGS**

Your MIT Community Drugstore

Offers MIT Students and Personnel

- \* Deep-discounted Health & Beauty Aids
- \* 10% discount on our competitive prescription prices 
- \* Registered pharmacist on duty at all times 
- \* Complete lines of approved generics
- \* Extensive card shop featuring Hallmark cards and gifts, plus California Dreamers, Renaissance, Pawprints, Rainbowworld, and numerous unusual cards
- \* Gifts for all Occasions 
- \* Free gift wrapping
- \* Numbers, Megabucks, and Instant Lottery Agent
- \* Sales that change every two weeks
- \* Unadvertised store specials

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