

Welcome incoming students

Continuous
News Service
Since 1881

Volume 105, Number 29

The Tech

MIT
Cambridge
Massachusetts

Friday, August 30, 1985



Tech Photo by Simson L. Garfinkel

Only the beginning. . .
Yesterday Laura Ryzowicz '89 arrived on campus.
Today the Rush begins.

Crowding problems expected; Sherwood asks frats to crowd

By Katie Schwarz
Up to 500 freshmen may live in crowded dormitory rooms this fall, according to Associate Dean for Student Affairs Robert A. Sherwood. Two hundred rooms, twice the expected number, may be crowded.

Sherwood attributed the crowding to the large freshman class and the large number of upperclassmen in the dormitories. The incoming freshman class exceeds its targeted size of 1025 by almost 50 students, according to the Admissions Office. Eighty-one transfer students are also slated to arrive at MIT.

"The other bad news" is the high number of upperclassmen in the dormitory system, Sherwood said. The Office of the Dean for Student Affairs (ODSA) originally expected 1981 returning dormitory residents, but it now believes that 2030 to 2040 upperclassmen will claim dormitory spaces.

Earlier this week, Sherwood urged the fraternities to crowd. He hopes that each fraternity will

take one or two pledges beyond the capacity of the house. The ODSA expects approximately one-third of this year's new students to join fraternities and independent living groups.

The fraternity system can house up to 25 students beyond its normal capacity by crowding, according to InterFraternity Conference Rush Chairman Kenneth S. Koblan '86. Koblan said he would not reveal the specific pledge goal, but he expects it will be met. "I expect everybody to have a very good rush," he said.

Sherwood also hopes to induce more upperclassmen to leave the dormitory system by waiving the late cancellation fee. Upperclass residents cancelling dormitory assignments before Registration Day this year will not be required to pay the usual penalty, which begins at \$100.

Sherwood blames the crowding on the scarcity of affordable off-campus housing. Fewer upperclass students moved off campus because apartments are more difficult to find than ever before, he

(Please turn to page 2)

BU, Harvard face housing crush

By Katie Schwarz
The rising cost of the Boston rental market is causing more students to live on campus, leading to dormitory crowding, said officials at both Boston University (BU) and Harvard University. Housing prices in the Boston area are rising far faster than in any other market in the nation, according to an August 14 report by the National Association of Realtors.

BU will use the Sheraton Hotel for temporary student housing

next week.

The university's Assistant Vice President Robert L. O'Rourke predicted the students would live in the hotel for two to three weeks before the school could provide permanent accommodations.

Boston Mayor Ray Flynn refused last week to allow BU to lease four Allston-Brighton

apartment buildings for student housing. Community activists had opposed the university's expansion. BU has no long-term plans yet for solution of the housing shortage, said David Furhman, BU's director of Media Relations.

The number of students applying for rooms in university-owned housing this fall exceeded the number of spaces by 1165. BU estimates housing to full-time students at about 8200.

The university has solved the immediate problem by crowding the dormitories, according to Furhman. He said measures taken to increase available housing included conversion of common space in the dormitories to residential space; use of university-owned apartments; increasing the "density of residence" (i.e., crowding); and conversion of resident advisors' (RA) rooms to

(Please turn to page 16)

AT&T phone system considered

By Katie Schwarz and Simson L. Garfinkel
The MIT Telecommunications Office has recommended purchase of a new telephone switching system to replace the Centrex and Dormline networks, according to Director of Telecommunications Morton Berlan.

Acquisition of the computerized control switch, a #5 Electronic Switching System (SESS) from American Telephone & Telegraph (AT&T) Co. Information Systems, must be approved by the MIT administration. The SESS would provide improved service, including data transmission capability, at a lower cost to the Institute than the current system, Berlan said. The new system would be installed in the summer of 1987 at the earliest.

The decision to buy the new switch was prompted by concern about the "constant escalation of [Centrex] prices," desire for a state-of-the-art system, and concern about the deterioration of Dormline, according to Berlan. If it is becoming increasingly difficult to maintain Dormline, he explained, because its electro-mechanical switches are, obsolete and are no longer supported by the industry.

International students get an MIT orientation

By Ben Stanger
Orientation for international undergraduates began on Monday with breakfast, a cookout, a meeting with MIT officials, and a trip for ice cream.

Approximately 80 undergraduates, 500 graduates, and 25 transfers from foreign countries will enroll as new MIT students this fall, according to Karen Zuffante, assistant to International Student Advisor Eugene R. Chamberlain.

Zuffante said the number of students from Central America and the People's Republic of China increased significantly this year. Among this year's internationals are two graduate students from the Soviet Union and an undergraduate from Ghana.

Executive Committee of the MIT Corporation must approve the proposed purchase before an order can be placed. If the order is not placed by October 1, the new system will not be received until after the summer of 1987. "I'm trying to get all these issues resolved, hopefully by the end of this calendar year," Berlan said.

Because extensive construction is necessary, the new switching system cannot be installed during the term. If the conversion is delayed beyond the summer of 1987, it must wait until January 1988 or the following summer.

(Please turn to page 13)

Committee Chose New System

An *ad hoc* advisory committee, including members from the academic, research, and administrative areas, evaluated eight proposals submitted by companies and decided that the SESS was "the best for MIT," Berlan said.

The Academic Council and the

The orientation for international undergraduates is planned and organized by the International R/O Committee, a group composed of upperclass international students. Zuffante said committee members meet freshmen at the airport and help them make initial adjustments.

"Cultural adjustments are forced on them really quickly," Zuffante said. The extra week of orientation is a big help to the undergraduate international students.

She feels that graduate students don't have the advantages of the undergraduates. "Graduate students are really not as well-catered to because of the diversity of the departments," she

(Please turn to page 7)

Executive Committee of the MIT Corporation must approve the proposed purchase before an order can be placed. If the order is not placed by October 1, the new system will not be received until after the summer of 1987. "I'm trying to get all these issues resolved, hopefully by the end of this calendar year," Berlan said.

Because extensive construction is necessary, the new switching system cannot be installed during the term. If the conversion is delayed beyond the summer of 1987, it must wait until January 1988 or the following summer.

(Please turn to page 13)

Senior housemaster is still sought; East Campus junior resident chosen

By Jacqueline Gottlieb
East Campus has not yet found a housemaster for the coming year, according to Associate Dean for Student Affairs Robert A. Sherwood.

An unnamed candidate for the position met with East Campus residents last night and will decide today whether to accept the post. Professor Judith T. Kildow and Alfred Kildow resigned as East Campus housemasters in January.

Lecturer in Media Arts and Sciences Brian K. Harvey '69 was appointed East Campus junior housemaster this month by Dean for Student Affairs Shirley M. McBay. He arrived at MIT earlier in the summer, according to Sherwood.

Harvey will move into the new junior housemasters' apartment Sept. 4 or 5. The apartment was built on the second floor of the east parallel this summer.

The Institute has actively searched for a senior housemaster for East Campus throughout the summer, according to Sherwood. "I have contacted at least 100 faculty members: 75 senior and 25 junior," he said.

Most of them have already made plans for the coming year, however, and therefore are not

available to act as housemasters, Sherwood explained.

"The problem is not with East Campus in particular," Sherwood stressed. The Dean's Office knows of strong candidates for the East Campus position for 1986. The problem is for the coming year, he added.

Professor Vernon Ingram, the new MacGregor housemaster,

was among those who interviewed for East Campus senior housemaster position. "The students in East Campus are a particularly attractive group," Ingram said. It is a very large dorm and this may be one of the reasons most candidates shy away from it, he explained.

Two alternatives face the

(Please turn to page 5)

Christopher L. Hassig

Christopher L. Hassig G died Monday at the age of 32 when a repelling anchor failed as he descended from a peak in the Andes Mountains in Peru, according to Johnathan Stevens G, Hassig's climbing partner.

Hassig, a third-year student in the Department of Architecture, and Stevens, a student in the Department of Civil Engineering, left for Peru August 2 to pursue research work on the regional architecture of agrarian cultures and make attempts on several peaks in the Cordierella Blanca range of the Andes Mountains.

Leon Groisser '48, executive officer in the Department of Architecture, described Hassig's accomplishments in the department as "very, very unusual" as he "developed a subject which he taught in woodframe construction."

Stevens characterized Hassig as "no neophyte" who "had been [mountain] climbing for ten to twelve years." Hassig's and Stevens' climb of the northwest face of the Nevada Uta was a first ascent of the peak. The climb represented the "type of cutting edge Chris appreciated," Stevens added.

Hassig, who studied Art at Plymouth State College and hailed from Conway, New Hampshire, is survived by his parents, brother and sister. His body has been committed to the snows of the Nevada Uta.

Boston rents aggravate crowding in MIT dorms

(Continued from page 1) explained. Administrator for Housing Services Linda L. Patton said, "Rents are much higher than we predicted, and there's just nothing available . . . We are desperate."

Conversion of apartments to condominiums and speculation by landlords are "beginning to severely affect the housing available to students," she added. The housing situation is particularly burdensome for incoming graduate students because they are not guaranteed Institute housing.

The highest level of dormitory crowding in MIT history, 220 rooms, occurred in 1980, the year before 500 Memorial Drive opened. Seven freshmen lived in TV rooms in the basement of Ashdown House that year because the ODSA could not find dormitory rooms for them. Sherwood does not think crowding will be as severe this year as it was in 1980.

There are a total of 2633


spaces in the dormitory system. Forty spaces are reserved for transfer students. The transfer students who will occupy the spaces will be selected by lottery.

Only three freshmen, rather than the usual 10 to 15, will live at home and commute to MIT this year, contributing more to the housing crunch, Sherwood said.

Crowding may be reduced in the future if the Alpha Phi sorority finds an off-campus residence, he noted. Since Alpha Phi has no house, most of its members now live in dormitories. Establishment of an off-campus sorority house would increase the number of spaces available in Institute housing by 40 to 50.

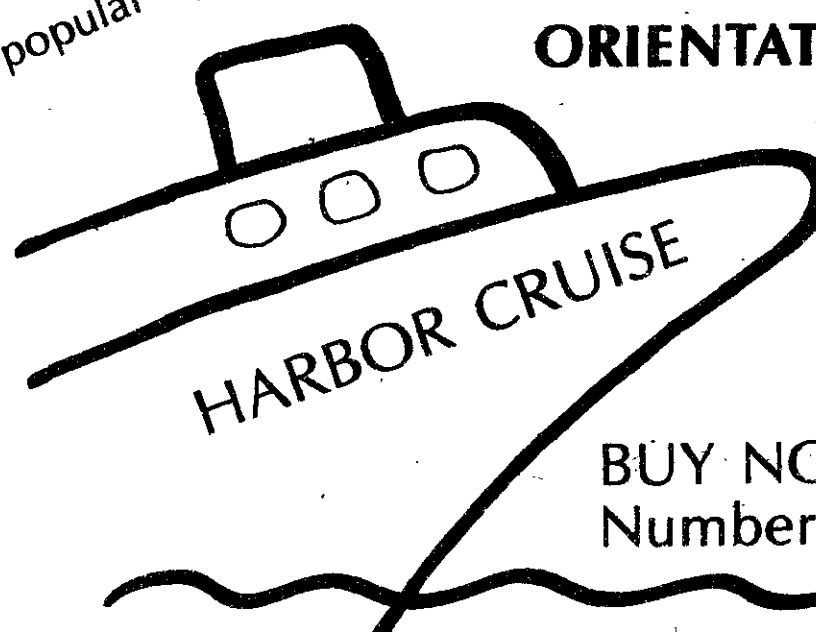
MIT has searched unsuccessfully for an Alpha Phi house for over a year and is now contemplating building one on Institute property, according to Sherwood. The Alpha Phi national alumni corporation is considering support for the proposed construction.

Graduate Student Council



Back by popular demand

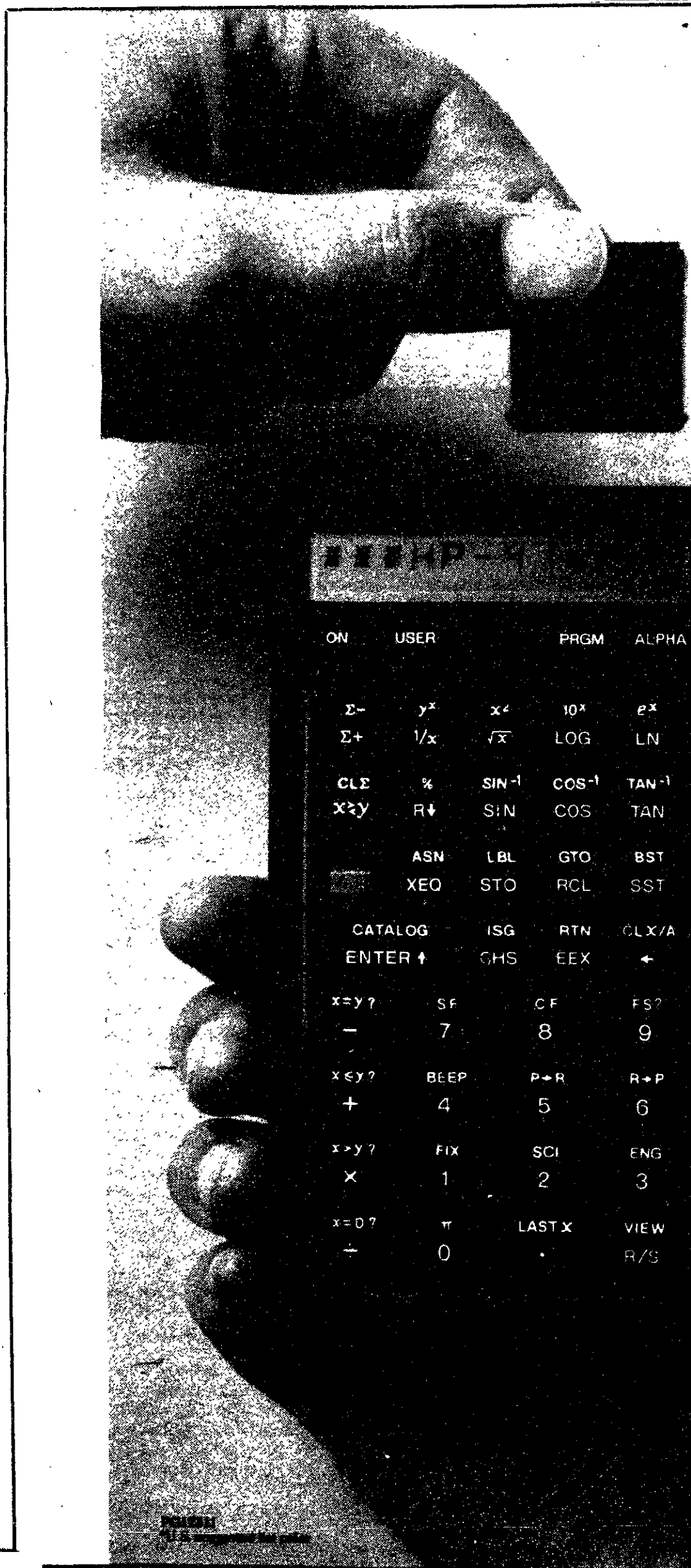
ORIENTATION CRUISE



Friday, September 6, 7:30-10:30 pm
Live DJ, hors d'oeuvres, cash bar
Must be 21 or over

Tickets: \$4.00
On sale in Lobby 10, Sept. 3-6
or call 253-2195

BUY NOW!
Number of tickets limited!



Free.

Get our new \$49* software module when you buy an HP-41.

It's a deal that has no equal, for a calculator that has no equal.

Our new HP-41 Advantage software module packs 12K of ROM. One and a half times the capacity of any other HP-41 module. Large enough to hold the most popular engineering, mathematical and financial programs ever written for the HP-41.

You get comprehensive advanced matrix math functions, roots of equations and polynomials, integrations, base conversion and logic functions, and time value of money functions.

Our new module is also sub-programmable. So you can quickly access just a portion of a program, or transfer that section to your own program.

And it's even menu-driven. That eliminates overlays and reduces the number of prompts.

In short, you get everything it's going to take to help you make the grade in everything from Linear Algebra to Statics to Electronics to Statics and Dynamics.

The HP-41 is a deal all its own. Its operating system is so advanced, it doesn't need an "equals" key. Little wonder it's preferred by more engineers than any other calculator.

This is a limited time offer. Call (800) FOR-HP-41. Ask for Dept. 658B. We'll instantly give you the name of a dealer who has no equal.

Get it now. The phone call is free.

But our new module won't be for long.



I'm a student who has no equal. Here's my proof-of-purchase to prove it. Please send me my free software module.

Name _____

Address _____

City _____ State _____ Zip _____

Phone Number _____

HP-41 Serial Number _____

Mail coupon with proof-of-purchase to:
Hewlett-Packard Co., c/o Direct Mail
Projects/M-M, P.O. Box 10598,
Portland, Oregon 97209

Offer not redeemable at HP dealers. HP-41 must be purchased between 8/15/85 and 11/15/85. Envelopes must be postmarked by 12/31/85. Good only in U.S.A. Void where prohibited, taxed or restricted by law. HP employee purchases not eligible. Allow 6-8 weeks for delivery.

news roundup

World

South African police quell demonstrations, kill five — At least five blacks were killed and dozens more were wounded Wednesday as South African police, wielding shotguns, whips and tear gas, attempted to control rioting in Cape Town and outlying townships. The Cape Town demonstrations were in response to the official prohibition of a planned march to Pollsmoor Prison to demand the release of jailed black nationalist Nelson Mandela.

Pretoria suspends financial trading — The South African government shut the country's stock market and called a halt to currency trading Tuesday night as the official currency of the nation, the rand, hit a record low. The moratorium on trading, which ends Monday, was called in response to a "run" on South Africa's financial reserves. Foreign banks, alarmed by unrest in the nation, refused to renew loans to the country's major borrowers. "The political reappraisal of South Africa internationally has caused demand for the redemption of loan facilities denominated in foreign currencies and these facilities are somewhat greater than our available gold and foreign exchange reserves," explained Christopher J. W. Ball, managing director of Barclays National Bank.

Nation

Antimatter factory to open — Physicists at the Fermi National Laboratory in Batavia, Illinois expect to complete work on a \$38 million antiproton production facility sometime next month. The antiprotons will be injected into a circular atom smasher at the laboratory, where they will meet with and destroy protons traveling in the opposite direction. Researchers hope the resulting burst of energy will provide them with new information about the structure of the atomic nucleus. The FermiLab factory is expected to produce 100 billion antiprotons per hour.

Pentagon shoots down anti-aircraft gun — Defense Secretary Caspar W. Weinberger has halted the purchase of the Army's Sergeant York anti-aircraft gun, calling the weapon "not adequately effective in protecting friendly forces" and "not worth the cost." Weinberger's decision, announced Tuesday, will save the United States approximately \$3 billion. The Pentagon has already spent \$1.8 million on the weapon.

Union Carbide to close plants, lay off workers — Union Carbide announced yesterday that it would close many unprofitable plants and reduce its domestic workforce by 15 percent. The reductions are part of a wide-ranging program, expected to save the company about \$300 million. Union Carbide earmarked \$100 million to improve the safety of its operations.

Samantha Smith is mourned in Maine — A memorial service was held in Augusta, Maine Wednesday for Samantha Smith. Smith, who was 13, made headlines in 1983 when a letter she wrote to Soviet leader Yuri Andropov asking for peace resulted in an invitation to visit the Soviet Union as the leader's guest. Smith and her father were killed in a plane crash Sunday night as they returned from a two-week visit to London, where Smith was filming a show for the ABC television network.

Ruth Gordon dies in her sleep — Ruth Gordon, well-known for her role in "Harold and Maude," died of a stroke Wednesday at her summer home on Martha's Vineyard. She was 88.

Sports

Sox scalp Indians, 17-2 — The Boston Red Sox vindicated themselves in a big way last night as they walloped the Cleveland Indians with 17 runs on 18 hits. The victory comes after a trying period of eleven losses in 12 games, including two losses to the Indians, Tuesday and Wednesday. Bruce Hurst was the winning pitcher for the Sox, with 11 strikeouts. The run total was Boston's highest of the season.

Brigham Young defeats BC, 28-14 — BYU won the third annual Kickoff Classic, college football's first major game of the season, last night at the Meadowlands. Heisman trophy candidate Robbie Bosco led the Cougars to almost 600 yards in total offense, as an exhausted Boston defense struggled to hang on. It was the Eagle's first game after Doug Flutie left for the pros. The teams had only three weeks to prepare for the contest. Defending national champion BYU has now won 25 consecutive games, dating back to September 1983.

Weather

Picnic, anyone? — The weather will be mostly cloudy and cool today with a possibility of rain in the afternoon.

Amy S. Gorin
Andrew Bein

Elias Hair Care

319 Mass Ave

497-1590

(2 blocks from the center of MIT)

MON-TUE-WED:

\$5.00 Discount with this ad

\$2.00 Discount anytime with MIT ID.

Ajax RENT A CAR

A SMART IDEA...

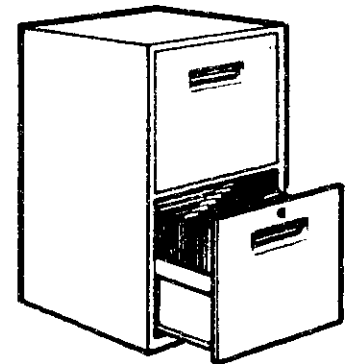
- Low Daily, Weekly, and Weekend Rates
- No Mileage Charge throughout New England
- Overnight Specials Available

	Boston	
East Boston	57 Park Plaza	Cambridge
161 Orleans St.	200 Stuart St.	Central Square
569-3550	542-4196	424 Mass. Ave.
		497-4848

Present this Ad and receive a 10% Discount Off our Regular Low Rates

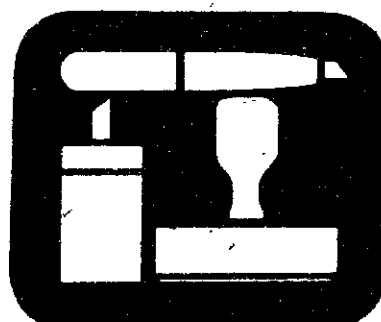
2 Drawer Files

Putty, Red, Black, Blue, Grey, Walnut, White, Yellow



10% Student Discount

University Stationery Co.
311 Mass. Ave.,
Cambridge,
3 Blocks from MIT



School, Office, and Computer Supplies

Hi-Fi BACK TO SCHOOL CASH SALE

UP TO 70% OFF

TV'S - VCR'S - MISC.		WALKMANS & PORTABLES	
SONY 3.7 BAW ZOOM	\$119	RCA 19' COLOR REMOTE	\$399
SONY 4' WATCHMAN	149	SONY 7.7' COLOR	429
5' COLOR MONITOR	179	SONY 5' COLOR	499
SONY 13' COLOR	299	AKAI VHS HI-FI VCR	899
RCA 19' COLOR	299	AUDIO TECHNICA P-MOUNT CART	19
SONY 13' COLOR REMOTE	339	MAXELL XLI 90 TAPE	1.99 ea.
HITACHI 19' COLOR	399	MAXELL T-120 VHS TAPE	4.50 ea.
SONY 19' COLOR	399	MAXELL HGX-T120 VHS TAPE	8.99 ea.
HI-FI COMPONENTS		SONY HEADPHONES	
KLH 70 WATT AMPLIFIER	\$99	MCR-33L (Open Air)	99
KENWOOD TURNTABLE W/CART	74	MCR-33D (Air Sealed)	19
MARANTZ 10 BAND EQUALIZER	89	MCR-51 (Open Air)	29
MARANTZ DOLBY B, C DECK	99	MCR-A25L (Water Resistant)	19
MARANTZ DOLBY B, C DOUBLE DECK	179	MCR-51 (Open Air)	19
MARANTZ 200 WATT RECEIVER REMOTE	399	MCR-577 (Digital)	99
DIRECT DRIVE TURNTABLE W/CART	99	AUTO SOUND	
SANSUI LINEAR TURNT. W/CART	119	BLAUPUNKT FRANKFURT	\$199
SANSUI 50 WATT RECEIVER	199	BLAUPUNKT RICHMOND	199
SANSUI 70 WATT RECEIVER	199	BLAUPUNKT TUCSON	299
		BLAUPUNKT HOUSTON	399
		SONY SHY SPEAKERS	25 ea.
		SONY ICS-350 STEREO RECORDER	999
		SONY ICF-7000A (Short Wave)	149
		SONY SPLASH RESISTANT BOX	129
		SONY DOUBLE MINI CASSETTE	142
		SONY WIA-DC2 (Dolby B, C Player)	199
		MCR-350 (Air Sealed)	329
		MCR-51 (Open Air)	29
		MCR-465 (Digital)	49
		MCR-577 (Digital)	99
		SONY NR20 AM/FM CASSETTE	999
		SONY AM/FM DISC PLAYER	Low Price
		SONY DISC PLAYER	Low Price
		ANA CT-X300	Good Deal
		ANA CT-X400	Good Deal

A. SMITH'S
CAMERAS, HI-FI, TV'S
401 MASS. AVE.
CAMBRIDGE, MA
HOURS: Mon thru Fri 10 to 6, Sat 10-5
876-3210
ALL AR AND SCOTT SPEAKERS ON SUPER SALE

opinion

Column/Andrew Bein

Dean denies room to misled student

Have you ever made a small mistake, not realizing it at the time, that came back to haunt you months later? Tad Artis made such an error last spring, and it is tormenting him now.

Tad, a senior this year, has lived on the same floor at Burton House for three years. He has played hockey, gone to parties and even served as floor chairman. He filled out a confirmation card in April for his fall room, along with the rest of the returning residents.

Because rooming assignments are made separately, students consider the confirmation card no more than a formality. The card had to be completed during a very busy time in the term. No one paid much attention to it.

The form included the choices: "I will not be returning to Institute housing" and "I will be returning to Institute housing." It did not explain that these choices referred to fall rooms. When Tad filled out the card, he assumed it asked if he planned to return for the summer. At the time, he did not. He checked the "I will not be returning" box. A simple, honest mistake. Then the trouble began.

Halfway through the summer, Burton House Desk Captain Paul Romanelli told Tad his name was not on the housing list he had received for the fall. The list had many other errors though, and the omission was considered an oversight. Romanelli submitted a revised list.

A week ago Thursday, Tad heard from the Dean's office through Paul. He was told he did not have his room in Burton House. He immediately contacted Ann Braden, staff assistant for housing issues in the Dean's Office, to clear up the problem. She understood the mistake but didn't help. She told him there would be absolutely no room in the entire dormitory system for him.

The case was brought to the Burton housemaster and then to

Associate Dean Robert Sherwood. But Sherwood refused to give in. Tad's parents and the Burton House president were both ineffective.

Thirty other people have even better excuses to get back into the system, according to Sherwood. But Tad was not trying to use an "excuse." Tad never intended to leave in the first place.

Sherwood offered one way for Tad to stay. If he can find two upperclassman already in a double, he will be permitted to triple with them, Sherwood said.

A senior in a crowded triple is unheard of.

But there is an additional catch. He would not be permitted to use any piece of Institute furniture in the room. His bed and desk would not be provided.

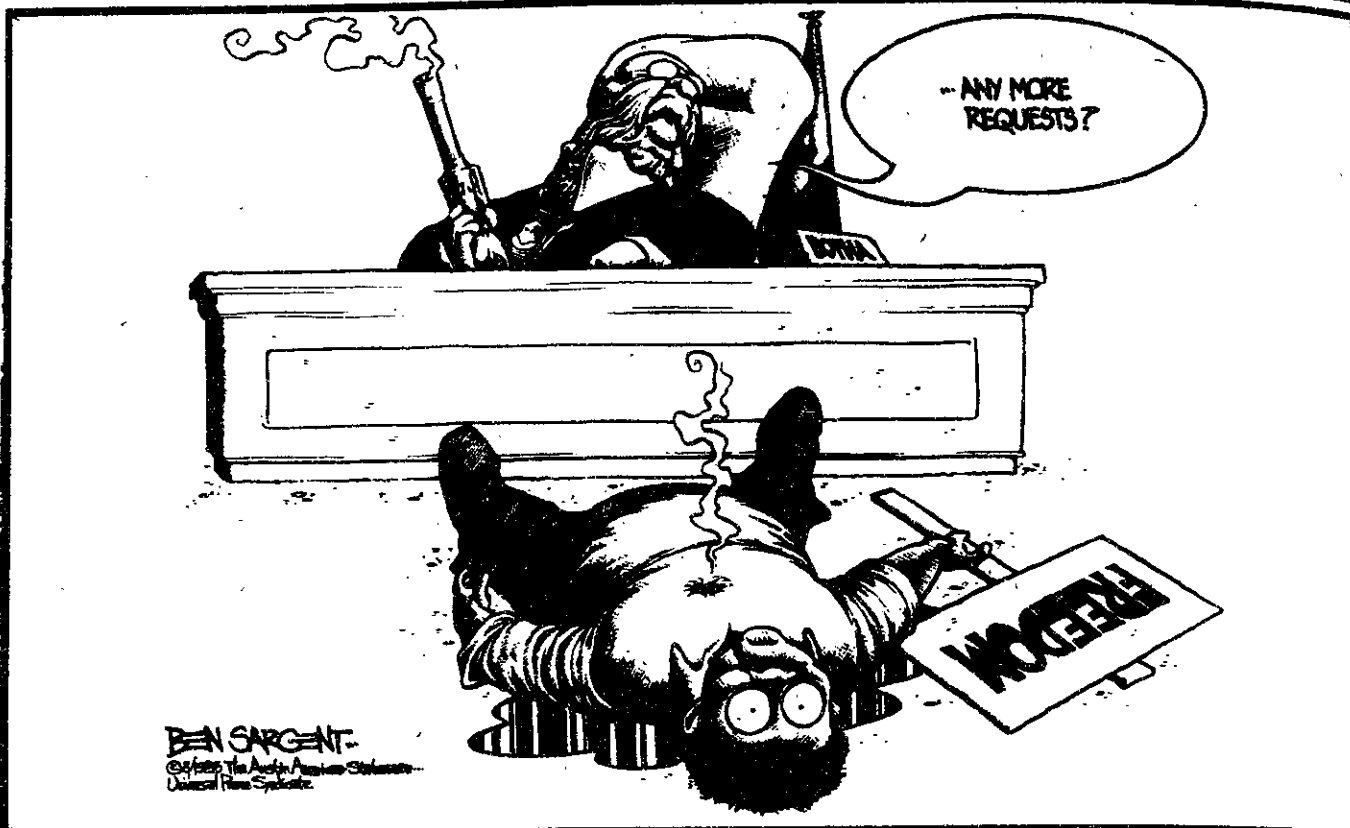
We all know the dorms are going to be crowded this year. Very crowded. But that's not Tad's fault. It is a Dean's Office problem, and a very difficult one at that. There is no quick cure-all for the overcrowding situation. But taking it out on innocent students is not acceptable policy.

This is the kind of mistake that can happen to anybody here. A typing error on a computer transcript, a misread number on an add/drop card or ambiguous wording on a form — all have happened many times and will continue to happen. Errors are inherent in any system involving many people with different priorities. A well-run institution has an obligation to correct them fairly. MIT students deserve that.

Tad's reaction? "I'm disappointed that the Dean's Office says they're supportive of students. I think it's pretty clear that it's a ridiculous situation."

Ridiculous to say the least. The Dean's Office considers the ruling final. Some members of Burton House are signing a petition in an effort to reverse the decision.

What will the next step be? "Well, hopefully it will all be solved by then," says Tad. I think we'd all like to hope so.



Column/Craig Jungwirth

Dispense with your writing test

Most freshmen have passed their first test at MIT: finding the Student Center steps and their way into the Residence/Orientation (R/O) Center. Congratulations are in order. But the Class of 1989 has a more challenging task ahead.

Freshmen, don't worry about the Essay Evaluation. It's only one of four methods by which you can satisfy Phase I of the Institute Writing Requirement.

The New Athletic Center will come alive Tuesday when the majority of you will attempt to recover from the weekend's Rush activities. The thousand of you who manage to find the New Athletic Center will maneuver to your places at the less than sturdy wooden tables without the smoothest of all writing surfaces.

I question the wisdom of administering the Essay Evaluation during R/O Week. Scheduling an "optional" test for freshmen at a time when they should be and are concerned with settling into their living groups is unnecessary and unfair.

Perhaps scheduling three examination sessions in Walker Memorial during the second week of

the term would reduce freshmen anxieties about their first "test" at MIT.

I enjoyed my test, especially because there was only one unabridged dictionary for the 1000 of us. I thought Bonnie Walters, coordinator of the Committee on the Writing Requirement, might rip the pages from the dictionary and give one to each of us. That would be the only way we'd get a chance to use it. This year, I hope the Committee will have adequate resources available.

You'll apply pencil to paper in an attempt to write a clear, coherent, expository essay after a summer of intense academic preparation. Strunk's definition is my advice: "Vigorous writing is concise."

After you have dashed off your composition in just under 90 minutes, the Committee's staff will secret your essay to an "evaluator." Professional readers as well as Institute faculty and staff, including President Gray, serve as evaluators. One of them will read your essay once.

Your paper will receive a grade of pass, marginal pass or fail based on this reading. You may ask: "By what standard will my

essay be judged?" Walters explained last year that if your essay exhibits "serious errors in . . . structure, syntax, word choice, grammar, mechanics or tone," it will fail the evaluation.

I think that with almost 100 evaluators, the standards will be subjective and flexible.

Walters last year said trends in writing quality have been consistent over the past three years. Her observation is not very comforting considering 36 percent of the Class of 1988 failed the Essay Evaluation and 45 percent passed marginally.

There are procedures for review of your performance on the writing exam if you pass marginally or fail. The thing that makes me uncomfortable, however, is the lack of an objective channel for formal appeal of the Committee's decision on the quality of your writing.

There are other methods of satisfying Phase I of the Writing Requirement which don't occur during R/O Week. But it makes sense to dispense with the requirement as quickly and efficiently as possible.

Dispense with it.

The Tech

Volume 105, Number 29

Friday, August 30, 1985

Chairman Ellen L. Spero '86
 Editor in Chief Thomas T. Huang '86
 Managing Editor Andrew S. Gerber '87
 Business Manager Robert W. O'Rourke '85

NEWS STAFF

Associate News Editors: Edward E. Whang '87, Michael J. Garrison '88, David P. Hamilton '88, Charles R. Jankowski '88, Ben Stanger '88; Staff: Joseph J. Kilian '85, Lauren F. Seeley '86, Randi L. Rubin '87, Donald Yee '87, Lisa Doh '88, Brian T. Hou '88, Becca Munroe '88, David B. Oberman '88, Sam T. Ososky '88, Earl C. Yen '88.

SPORTS STAFF

Associate Sports Editor: Paul Paternoster '88; Staff: Victor J. Diniak '86, Christopher Y. Kim '86, Janice Marchiava '88.

ARTS STAFF

Associate Arts Editor: Michiel Bos G; Staff: Steven Huntley '85, Richard Gotlib '86, Thomas L. McKendree '86, Scott Lichtman '88, James F. Kirk G.

FEATURES STAFF

Cartoonists: Geoff Baskir '78, Kevin J. Burns '79, Jim Bredt '82, V. Michael Bove G.

PRODUCTION STAFF FOR THIS ISSUE

Night Editor: Eric N. Starkman '87
 Associate Night Editor: Ronald E. Becker '87
 Staff: Carl A. LaCombe '86, Katie Schwarz '86, Kathleen M. O'Connell '87, Stephen P. Berczuk '87, Mark Kantrowitz '89, V. Michael Bove G.

The Tech (ISSN 0148-9807) is published Tuesdays and Fridays during the academic year (except during MIT vacations), Wednesdays during January, and monthly during the summer for \$13.00 per year. Third Class by The Tech, 84 Massachusetts Ave. Room W20-483, Cambridge, MA 02139. Third Class postage paid at Boston, MA. Non-Profit Org. Permit No. 59720. POSTMASTER: Please send all address changes to our mailing address: The Tech, PO Box 29, MIT Branch, Cambridge, MA 02139. Telephone: (617) 253-1541. Advertising, subscription, and typesetting rates available. Entire contents © 1985 The Tech. Printed by Charles River Publishing, Inc.



Ingram and Kennedy fill Ashdown, MacGregor housemaster positions

(Continued from page 1)

Dean's Office if a senior faculty resident is not located before the beginning of the term: a temporary, one-year appointment or promotion of one of the graduate tutors to senior tutor, enabling him to take over some of the duties and responsibilities of the housemasters.

New Housemasters

The housemasters of MacGregor House and Ashdown House also resigned in January and their positions were filled this summer. Vernon and Beth Ingram moved into Ashdown House in July. They replaced Professor Robert I. Hulsizer PhD '48 and his wife Carol, who had been Ashdown housemasters for the last 11 years.

"I've never been interviewed so much in my life," Professor Ingram said, describing the process that led to his appointment. In his short stay in Ashdown, Ingram said he has become acquainted with some of the problems specific to graduate students.

Ingram would like to establish a graduate student center — a place where graduate students can meet other students and faculty members and hold discussions and meetings. He suggested Ashdown dining hall as a very appropriate place for this project.

Professor Robert Kennedy and his wife Eleanor replaced Mechanical Engineering Professor Nathan Cook and his wife Anne, who had been MacGregor housemasters for the past 15 years. The Kennedys received their

"baptism of fire during the floods in the dorm basement in July," Sherwood said. They handled the situation very well, he added.

Candidates for housemasters are chosen from among faculty members who have expressed interest in the position, usually at the students' request or preference. In most cases a committee of about 10 students interviews the candidates.

The candidates then meet the dorm residents during study breaks and other informal occasions, after which the students have the chance to express their opinions of the candidates. The final decision is made by Dean for Student Affairs Shirley M. McBay, and "rarely are there major clashes between the students' and the Dean's Office's wishes," Sherwood said.

TECH CATHOLIC COMMUNITY

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

MASS SCHEDULE
(in the MIT Chapel)

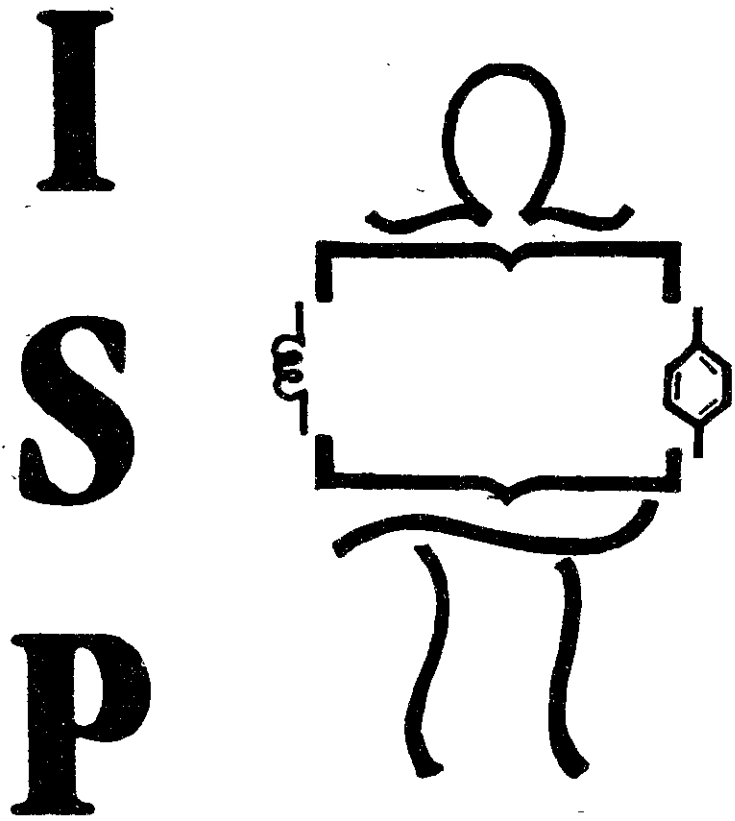
Sunday, Sept. 1 -- 9:00AM & 12:00PM
(Welcoming Brunch - 10AM on the Chapel Lawn)

SUNDAYS (beginning Sept. 8)	WEEKDAYS (beginning Sept. 10)
9:00AM	Tues., 5:05PM
12:00PM	Thurs., 5:05PM
5:00PM	Fri., 12:05PM

Chaplains: Fr. Bob O'Donnell, CSP
Mr. Bob Scheri

President: Ms. Pam Loprest

Office: 312 Memorial Drive
x. 3-2981



...We make connections!

Integrated Studies Program E51-017 253-4074

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

ISP offers:

- All freshman core courses
- Related HUM-Ds and seminars
- Individual attention to your academic needs
- Enthusiastic faculty and tutors

Open Houses

Tuesday, September 3 2 - 5 PM E51-017

Wednesday, September 4 12 - 2 PM E51-017
4:30 - 6 PM E51-017

Thursday, September 5 10AM-12 Noon E51-017

All freshmen welcome!!



IT'S A GOOD TIME FOR THE GREAT TASTE. 

aerodynamically unsound

There are a lot of things that our hamburgers just aren't good for, we realize that. For instance, we know that our Quarter Pounder® will never break the land speed record at Bonneville. We can assure you that

our cheeseburger just won't make comfortable, therapeutic footwear; and we're quite certain that the Big Mac™, if integrated with your component stereo system will not enhance the total sound quality.

So what are we trying to say? That our hamburgers are good for one thing, and that's you.

Weight before cooking 4 oz.

Buy One Quarter Pounder® or Quarter Pounder® with Cheese Sandwich (weight before cooking 4 oz., 113.4 grams), Get Another of the Same Sandwich FREE!

Offer good only at: McDonald's
483 Massachusetts Ave
Cambridge
(5pm till closing)

Offer expires 10/20/85

Limit one coupon per visit. Mr. Operator: Return to above address for reimbursement. Redemption value 1/20¢. © McDonald's Corporation 1982.

Summary of last year's top news stories at MIT

Compiled by
Simson L. Garfinkel

Over the past year, many events have shaped the development of MIT. The following is a brief review of some of those events.

HOUSING

September 1984

- Over 79 percent of students assigned to Institute houses receive their first choice, with 88 students in limbo after the first round of the housing lottery. Approximately 370 freshmen pledge fraternities, and 107 rooms in the dormitories are crowded.

- The Office of the Dean for Student Affairs (ODSA) institutes a new policy regarding the use of alcohol on at dormitory parties. Any group which intends to serve alcohol must first receive a permit from the ODSA. A party at which alcohol is to be served must end at 1 am.

- Senior House Housemistress Margaret J. Keyser proposes a policy on how to deal with drug abuse in the MIT Housing System. Among the points of the policy is a requirement that Graduate Residents report any observed or known use of illegal drugs to the ODSA.

January 1985

- Housemasters of MacGregor House, Ashdown House and East Campus announce their resignations effective at the end of the school year.

RENOVATIONS AND INNOVATIONS

September 1984

- Director of Libraries Jay K. Lucker says that the MIT Libraries "automated circulation system" will be fully operational and on-line sometime during the fall of 1984.

- The Metropolitan District Commission says that construction on the Harvard Bridge will not begin until the spring of 1986.

October 1984

- Construction on the Integrated Circuit Fabrication Facility (Building 39) continues despite a strike by the union of sheet metal workers. The union has been on strike since September.

December 1984

- MIT administration decides to restrict traffic on Amherst Alley to west-bound, despite student opposition to the plan. Director of Housing and Food Service H. Eugene Brammer says, "Amherst Alley is for pedestrians only. It's never intended for traffic use. Making the traffic one-way and westward will reduce traffic in the alley."

March 1985

- The Albert and Vera List Visual Arts Center is dedicated. The Center is located on the first two floors of the unfinished Arts and Media Technology Building. Construction is to be completed in October, 1985.

ACADEMICS

September 1984

- Under 20 percent of the freshman class pass the Freshman Essay Evaluation. Another 45 percent pass marginally.

October 1984

- The Committee on Undergraduate Admissions and Financial Aid (CUAFA) decides, after heavy debate, not to restrict selection of majors for the Class of 1989. CUAFA had considered placing restrictions to prevent future overcrowding in the Department of Electrical Engineering and Computer Science.

November 1984

- Undergraduate enrollment in the Sloan School of Management (Course XV) increases from fourteen sophomores to 33 after the introduction of a degree program in Management Science.

December 1984

- The Departments of Physics and Mathematics announce plans to offer computer science options in an attempt to reduce crowding in Course VI.

- MIT announces that Michael C. Behnke, head of undergraduate admissions at Tufts University, will become the new MIT director of admissions on May 1.

January 1985

- Course VI overcrowding concerns are raised as 428 students preregister for Structure and Interpretation of Computer Programs (6.001).

ATHENA

October 1984

- Jerome H. Saltzer '61, professor of Computer Science, is appointed technical director of Project Athena.

- Athena Director Steven R. Lerman '72 reports that Project Athena is "behind schedule" due to equipment delays and re-allocations by IBM.

March 1985

- The east wing of the Julius A. Stratton '23 Student Center library is opened as a Project Athena cluster for unrestricted use by all undergraduates. Other Athena facilities are available only for those students taking courses which require Athena accounts.

PROTESTS AND POLITICS

September 1984

- MIT formally applies for an exemption from a Massachusetts law requiring employers to inform their employees about hazardous substances in the work area. The paperwork required by compliance would create an administrative problem and "take the focus off safety," says Safety Office Director John M. Fresina.

February 1985

- Protesters disrupt an American-Soviet conference on electrical engineering held at MIT. The demonstrators are members of the Jewish Defense League, according to Campus Police.

- President Ronald Reagan calls for a \$2.3 billion reduction in federal financial aid to college students.

April 1985

- Chairman of the Faculty Arthur C. Smith organizes a committee to study the history and effects of military and related research at MIT.

- A demonstration protesting apartheid is held outside the Student Center. Over 50 protesters march to the office of President Paul E. Gray '54 to demand that MIT divest its holdings in corporations with interests in South Africa.

CRIME

September 1984

- A fire blazes through Senior House's Runkle entry on the night of Sept. 4, burning the dorm's "Sport Death" banner and forcing a late-night evacuation. Stephen P. Fernandez '86 admits to setting the fire. He is declared *persona non grata* in the MIT residence system and forced to pay in full for the damages.

- Two men rob an MIT student at gunpoint on the Harvard Bridge.

October 1984

- A freshman is attacked on Massachusetts Ave outside of Alpha Delta Phi fraternity at 2:29 am on a Saturday morning. He narrowly escapes serious injury.

December 1984

- Two MacGregor residents admit to burning a problem set in a sink. The burning paper sets off a concealed sprinkler above the sink, automatically calling the Cambridge Fire Department and causing water damage in the dormitory. The students are arrested by Cambridge police and charged with arson. The charges are later reduced on the condition that the students pay \$4500 to MIT and \$988 to the Cambridge Fire Department.

- The Gays at MIT lounge is vandalized and stationery is stolen.

March 1984

- Fires are set in three bathrooms on the first floor of the Infinite Corridor.

INSTITUTE

August 1984

- Barbara Fienman joins the ODSA as Assistant Dean for Student Affairs. Fienman's job will be to oversee and advise MIT student activities and student government.

- Dean for Student Affairs Shirley M. McBay enacts a pornographic film policy. The policy states that a pornographic film must first be approved by an *Ad Hoc* Pornography Screening Committee before being shown in Kresge Auditorium.

September 1984

- The Lecture Series Committee (LSC) says it will abide by the ODSA's policy on sexually explicit films. LSC Chairman Tim Huckelbery '85 says, "People who are on [the *Ad Hoc* Committee] are going to realize that they have to watch a lot of triple-X rated films."

- William McLaurin, director of the Office of Minority Education (OME), is dismissed by Associate Provost Frank E. Perkins '55. No new director of the OME is appointed.

December 1984

- Dean for Student Affairs Shirley M. McBay refuses to allow LSC to use MIT facilities to show a sexually explicit film. Interpretation of the pornography policy is at question.

- Five members of the *Ad Hoc* Pornography Screening Committee attend an unofficial meeting of the committee. Neither McBay, who is not on the committee, nor Committee Chairman Niti Seth attend the meeting. Committee members decide to establish a regular meeting schedule and transfer administrative duties from the ODSA to committee members.

January 1985

- Niti Seth resigns as chairman of the *Ad Hoc* Pornography Screening Committee after several committee members express "consternation" over her appointment by McBay.

- The Women's Studies Program shows *Not a Love Story*, a sexually explicit documentary. The film had not been reviewed by the pornography screening committee.

February 1985

- President Paul E. Gray '54 announces the appointment of Dean of Science John M. Deutch '61 to provost effective July 1. Deutch's aims include a greater emphasis on the role of humanities in education.

- The *Ad Hoc* Pornography Screening Committee votes to allow LSC to show the sexually explicit movie *Body Talk* in Kresge Auditorium.

March 1985

- Over 30 people protest the LSC showing of *Misty Beethoven* in 26-100. Demonstrators are removed from the room by campus police.

- MIT health officials worry that an epidemic of measles at Boston University might spread to the Institute. Over 1200 MIT students are immunized.

- President Paul E. Gray '54 announces that tuition will rise to \$11,000 for the 1985-86 academic year, a 6.5 percent increase over the previous year's tuition.

April 1985

- The *Ad Hoc* Committee on Alcohol proposes a dry rush for Friday through Monday of 1985 Residence/Orientation Week. The Committee also announces its intention to establish clear and uniform guidelines for the use of alcohol at dormitory parties.

June 1985

- MIT presents degrees to over 1700 students at its 119th commencement. Lee A. Iacocca, chairman of the board of directors and chief executive officer of the Chrysler Corporation, gives the 1985 commencement address. Seven thousand attend the event, the largest attendance ever recorded.

You won't write home, but we will.

SUBSCRIPTION RATES	
<input type="checkbox"/> New	US Mail - 1st Class: <input type="checkbox"/> 2 years \$65 <input type="checkbox"/> 1 year \$35
<input type="checkbox"/> Renewal	3rd Class: <input type="checkbox"/> 2 years \$24 <input type="checkbox"/> 1 year \$13
Prepayment Required	Foreign - Canada/Mexico (air mail): <input type="checkbox"/> 1 year \$38
	Overseas (surface mail): <input type="checkbox"/> 1 year \$38
	Institute Mail - <input type="checkbox"/> 2 years \$12 <input type="checkbox"/> 1 year \$7

Name: _____

Address: _____

The Tech

Writing home from
the Institute for
over a century.

Foreign student support is lacking

(Continued from page 1)

said. "[The International Students' Office] tries to supplement their orientation."

Bashar Zeitoun '86, a Palestinian transfer student who volunteers for the International Office, said that the International R/O Committee helps alleviate the loneliness that accompany students faced with major cultural adjustments.

The opportunity to meet other international students "gives them confidence and helps them find their way around," he said. International students often form very close ties with each other in their first week here, he added.

Zeitoun said some students come to the United States as early as May to help in their adjustment. Daily language is a problem at first, but "after a few days, things get better for them," he said. Some people get through their first week quite easily, he continued.

International students are required to score above 575 on the Test Of English as a Foreign Language. Zeitoun and Zuffante agree that international students don't have a language barrier.

The major difficulties international students have to deal with are the lack of graduate housing and visa problems, according to Zuffante. She expressed some concern that there are only two people that deal specifically with the problems of international stu-

dents. Zeitoun said, "Two people is obviously not enough."

International transfer student orientation started on Aug. 28. Graduate orientation for international students will not start until Sept. 3.



This space donated by The Tech

CORROSION SCIENTIST

Dowell Schlumberger has an immediate opening at its R&D Center in Tulsa, Oklahoma for an individual with the following qualifications:

- M.S. or Ph. D. degree in electrochemistry or metallurgy
- Research experience with corrosion of steel in aqueous systems
- Knowledge of chemical kinetics
- Good written and oral communication skills
- U.S. Citizenship or Permanent Visa required.

The successful applicant should be capable of devising experiments to study the interaction of organic inhibitors with corrosive aqueous fluids and oil field-grade steel products. The individual should also be familiar with metallurgical preparation and evaluation methods, AC and DC electrochemical techniques and methods for analyzing films on surfaces. Knowledge of kinetics and experimental design techniques would be useful. Salary is commensurate with experience. Qualified candidates send resume to:

Gregory Kubala, Ph. D.
Personnel Manager

DS Dowell Schlumberger
P.O. Box 2710
Tulsa, Oklahoma 74101

Equal Opportunity Employer

classified advertising

RESUMES \$15! Professionally Typeset. Cover letters \$10, papers \$8.50/pg. Just drop at desk, 89 Mass. Ave., Box 144, Boston (at Newbury; Auditorium T). Pick up/pay in two days. 731-2114 (only if necessary).

WORD PROCESSORS

Do you need a skilled word processor for that special project? Or are you an operator looking for word processing placements (9-5 weekdays)? Call the professionals at WPC. THE WORD PROCESSORS' COLLECTIVE 742-6166.

Autos for Sale

Is it true you can buy Jeeps for \$44 through the U.S. government? Get the facts today! call 1-312-742-1142 ext. 589.

JOHN'S BARBER SHOP

16 Prospect Street
Central Square
492-2962

HAIRCUTS

any style \$6.00
Open 7:30AM — 6:00PM
Closed Wednesdays
and Sundays

ELEK-TEK... SAVES YOU MORE ON CALCULATORS

EL 5510	70	PC 1350A	135
EL 5500T	70	PC 1500A	150
EL 5520	85	CE 125	119
PC 1250A	70	CE 126P	55
PC 1260	75	CE 150	150
PC 1261	135		

HEWLETT PACKARD CALCULATORS	
HP-11C Scientific	58
HP-12C Financial	90
HP-15C Scientific	90
HP-16C Programmer	90

FREE! New Advantage software module from HP with the purchase of any HP-41 at Elektek. Offer ends 11/15/85.

HP-41C	105*
HP-41CV	168
HP-41CX	245
HP-71B Computer	399
Optical Wand	95
Card Reader	145
Printer (82143A)	283
HP-IL Module	95
Dig. Cassette Drive	400
HP-IL Printer	335
Think Jet Printer	375
9114A Disk Drive	600

HEWLETT PACKARD

*While limited supplies last.

CALL TOLL FREE 800 621-1269

EXCEPT ILLINOIS, ALASKA

Accessories discounted too. MasterCard or VISA by phone or mail. Cashier's check, Money Ord., Pers. Check (2 wks. local). Sorry not C.O.D.'s. Add \$4.00 1st item \$1 ea add'l shipp. & handl. Strips to IL address add 7% tax. Prices subject to change. University/College P.O.'s Welcome. WRITE for catalog. 30-day return policy for defective merchandise only. ALL ELEK-TEK MERCHANDISE IS BRAND NEW 1ST QUALITY AND COMPLETE.

ELEK-TEK, Inc.

SOME COLLEGE COURSES ARE MORE EXCITING THAN OTHERS.



Cadet Herpaul Sidhu, MIT '88, rapels down an eighty foot cliff during adventure training.

ARMY ROTC. BE ALL YOU CAN BE.

How many college courses teach you how to shoot the rapids? Or rappel a cliff? Or find your way out of a forest with nothing but a map and compass to guide you?

At least one does—Army ROTC.

And you could find yourself doing any one of a number of exciting adventure training activities like these in the Army ROTC program.

Activities that develop your stamina. And your self-confidence.

But adventure training isn't the only way you develop. You'll also learn the basics of leadership and management by attending ROTC classes, along with the subjects in your major.

And you'll be excited about two other benefits Army ROTC offers. Financial assistance. Up to \$1,000 a year for your last two years of Army ROTC. And the opportunity to graduate with both a degree and a commission in today's Army—including the Army Reserve and Army National Guard.

CALL MIT ARMY ROTC

253-4471

Bldg 20E-126

arts

Student art lottery

It's that time again. The annual Student Loan Art Exhibition opens today in the Hayden Gallery, Arts & Media Technology Building (E19). The exhibition will be on view 10 am-4 pm weekdays and 1 pm-5 pm weekends through Thursday, Sept. 12.

Several hundred signed prints and posters will be shown, many of them by well-known contemporary artists. Students or student groups may borrow the works of art for a year. To participate in the lottery for distribution of the art (demand generally exceeds supply), you must fill out a card at the exhibition listing your first, second and third choice. The drawing will take place on Friday, Sept. 13.



Tonight at 8pm, in Kresge Little Theatre, the MIT Musical Theatre Guild will give its first performance of its major fall production, *Applause*. Other performances will be on Aug. 30 and 31, Sept. 6, 7, 12, 13 and 14 at 8pm, and Sept. 14 at 3pm. There will be a free performance for Freshmen Sept. 8 at 3pm. For information, call 253-6294.

Tech photo by David M. Watson

"Good friends don't let good friends smoke cigarettes."

Larry Hagman

Cigarettes aren't good for your friends. Adopt a friend who smokes and help 'em quit today. You'll both be glad tomorrow.



This space donated by The Tech

ATTENTION PSYCH MAJORS: OUR LOANS WILL BLOW YOUR MIND.

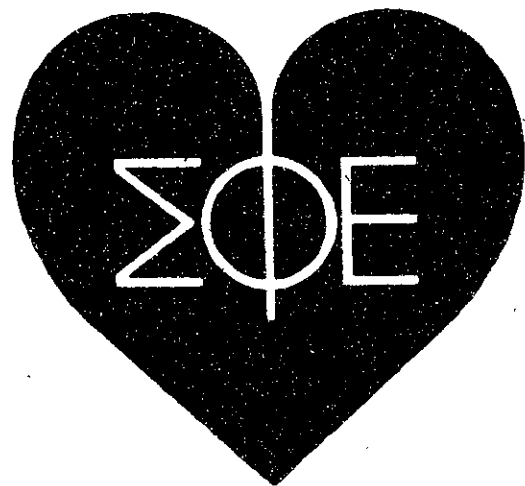
We believe the last thing that should keep someone from going to college is money. So call 1-800-SHAWMUT or come in and see us about our comprehensive education loan program.

Because when it comes to helping students, our heads are in the right place.



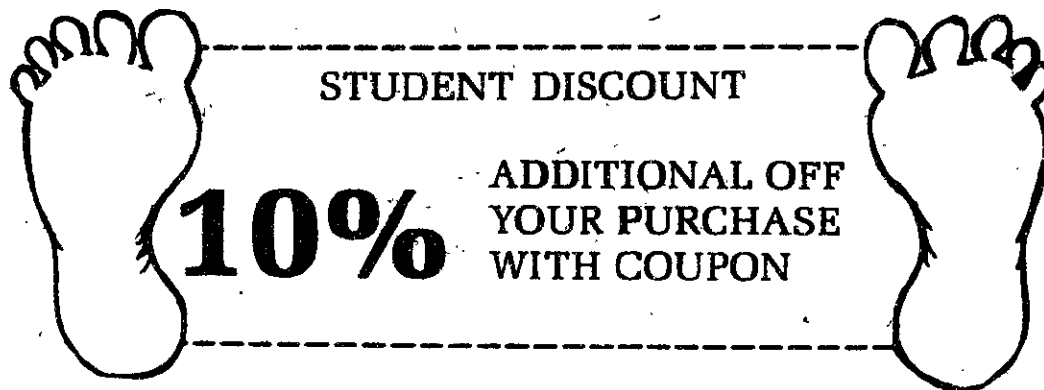
Shawmut Banks
Look to us for direction.

Members FDIC. Equal Housing Lenders.



**SIGMA PHI EPSILON
WELCOMES THE
CLASS OF 1989**

Don't Get Cold Feet



STUDENT DISCOUNT

10%

ADDITIONAL OFF
YOUR PURCHASE
WITH COUPON

Open Daily 9:30-9:00
Saturday 9-6

**Lechmere Rug
Company**

(Not to be confused with Lechmere Sales Co.)
Large Selection of Remnant Carpets & Area Rugs Perfect for Your
Dorm Room. Remnants Normally 40-60 percent Off. Students Present
Coupon for Additional 10 percent Discount

**VISIT US AT OUR NEW LOCATION:
200 MSGR. O'BRIEN HIGHWAY
876-9700**

arts

"New" books from Europe - a roundup

The Lover, by Marguerite Duras; Pantheon, \$11.95. The Periodic Table, by Primo Levi; Schocken, \$16.95. The Assault, by Harry Mulisch; Pantheon, \$13.95.

Works with literary pretensions are rarely bestsellers, let alone major bestsellers. But *L'Amant (The Lover)*, by French author Marguerite Duras, is such a rare animal. An unprecedented success in France, it has successively conquered most European countries, with the total number of copies sold reaching well into seven figures. In June, the hardcover edition entered the American market, and a paperback version is due soon.

Such success inspires curiosity, and creates expectations. Unfortunately, having read the book, I cannot but confess feeling disappointed.

Thus far, Duras' major claim to world renown was the 1959 Resnais film *Hiroshima Mon Amour*, for which she wrote the script. *The Lover* bears an uncanny resemblance to this illustrious predecessor. Again, the setting is East Asia (Saigon, as versus Hiroshima), the subject is a short-lived love affair between a French woman and an Asian, and the atmosphere depressing. Again, the narrative is capricious — a succession of images jumping to and fro, a battle of memory and association.

The book's narrator, the daughter of poor French colonists in Indochina, looks back on an affair she had at age 15 with a rich and much older Chinese man. From the onset, the affair is doomed, as the social barriers separating the girl from her lover are insurmountable. The girl's struggle with her feelings, and simultaneously with the material and spiritual plight of her family, convey a sense of tragedy in the book which, although less morbid than that of the film, is no less compelling.

What the book lacks in comparison to the film is a sense of speed. True, Duras' sketchy style, suggesting preparatory notes rather than a full-fledged account, is evoc-

ative at first. But in time, as image follows image in discontinuous, often chaotic succession, it generates fatigue rather than interest. In the end, I felt as if I had read five hundred, rather than some hundred fifty pages.



Marguerite Duras at age 15, from the cover of *The Lover*.

Ten years old by now, but only recently translated into English, is Primo Levi's *Il Sistema Periodico (The Periodic Table)*. Though it hasn't become a bestseller yet, there can be little doubt that it will eventually be considered a classic. In any case, it should win Levi the audience which, for good reason, his countrymen Italo Calvino and Umberto Eco already have.

Levi is a chemist turned author. In his hands, the elements of the periodic table become powerful metaphors, and chemistry a representation of human endeavor in general.

The chapters of *The Periodic Table* each concentrate upon a single chemical element. *Iron*, for example, tells the story of Levi's friendship with a fellow student, later killed in the War; the title refers both to the iron obtained in a chemical analysis mentioned in the chapter and to the char-

acter of the friend. In *Gold*, Levi, a partisan captured by the Fascists, meets a smuggler soon to be released; the man talks about his quest for gold in the mountains, which he will be able to resume when he is free.

In cases like these, the allusions are quite obvious, but substances less burdened with traditional symbolism, like cerium or vanadium, are handled in a similar way.

The Periodic Table is not a captivating book in the usual sense of the word; rather, it establishes a bond of sympathy with its reader. (This, incidentally, may partially explain why its fascination takes a while to catch on.) It makes you read with the kind of interest you would have for the experiences of a good friend.

Occasionally, it is nostalgic, without being sentimental. Surprisingly, even the most negative experiences — like those connected with the War, part of which Levi spent in Auschwitz — are narrated with resignation and suppressed bitterness rather than overt indignation or rancour. Levi's style contributes heavily to this effect; calmly paced, it is devoid of any rhetoric.

I am not a chemist, but after reading *The Periodic Table* I almost regret it, for Levi makes a convincing case for his science. As he says in *Silver*, the job of a chemist is merely a particular case of the job of living; and his implicit plea that every aspect of life is delicate and precious commands respect. It is this plea which constitutes the book's major merit, and is the reason why it shouldn't be missed.

To an outside observer, Dutch literature is shadowy. Squashed between more widely understood and more easily accessible tongues, the Dutch language rarely acts as vehicle for thoughts and emotions appealing to a global audience — or so it seems, if the frequency of translations is a good

measure. All the more memorable is the occasional exception, of course, and there is one this summer: the English translation of *De Aanslag (The Assault)*, by Harry Mulisch.

Whether Mulisch is really Holland's most important postwar writer (as Pantheon claims in its publicity campaign), I wouldn't dare say. There can be no doubt, though, that he is among Holland's most consistently interesting authors. Most of his books (and the best among them) relate to World War II and its aftermath. With his Jewish mother and a father convicted for collaboration with the Nazis, Mulisch, if anybody, is a child of the War.

The Assault revolves about the 1945 assassination of a collaborator by the Dutch Resistance in occupied Holland. In reprisal for the attack, the Nazis execute a family living nearby, except for the youngest son, whose subsequent life we follow. As he grows older he gradually discovers the complex branchings of the event. Thus emerges a thrilling example of the fatality of coincidences, a compelling paradigm of the frailty of human life.

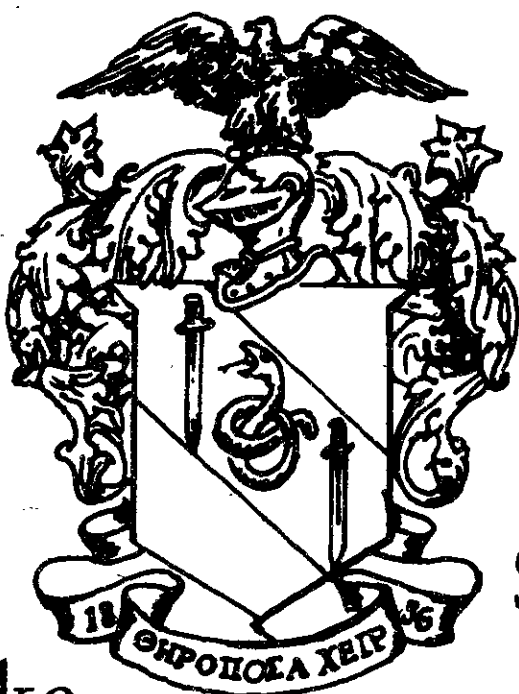
The honor of translation is so rare in Dutch literature that the Dutch press has scrutinized the English version almost as closely as the original. A consensus has been reached on the quality of the translation: it is wretched. For example, it is beyond comprehension how someone with even a vague familiarity with the historical context of the book would write *social democrats* for the original abbreviation *S.D.* (which is really for *Sicherheitsdienst*, a branch of the German military police). Still, the impact of *The Assault* survives blunders like this.

For those interested in reading the untranslated versions, Schoenhof's (1280 Mass. Ave.) sells *L'Amant (Editions de Minuit, \$9.95)* and *Il Sistema Periodico (Einaudi, \$8.95)*.

Michiel Bos

Theta Chi

FRIDAY
NIGHT



SATURDAY
MORNING

Join us for a
New England Clambake
and Barbeque
Meet the brothers
Eat famous
Steve's Ice Cream
Starts after the freshman
picnic
Call 267-1801 for rides

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

nightline...



- A group of students who care
- Open 7am to 7pm

Why call us?

- Where is 'Elsewhere'?
- I'm homesick.
- There's this girl...

All Calls Confidential 253-7840

Save:
25% on used textbooks
50% on used paperbacks

Harvard Book Stores

We pay top prices for used paperbacks, textbooks and law books.

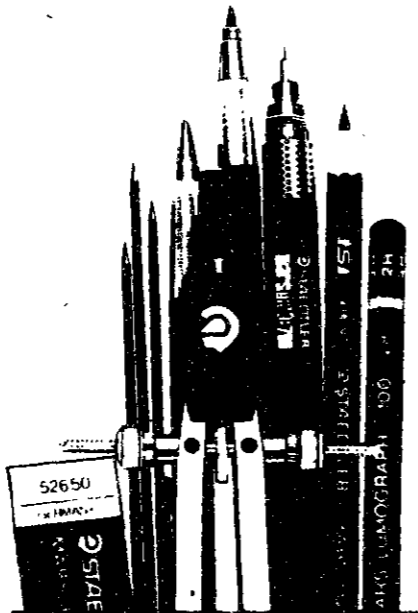
1256 Mass Ave. • Cambridge
OPEN EVENINGS

STAEDTLER | MARS

Drawing Pencils & Leads • Lead Holders
 Lead Pointers • Erasers
 Technical Pens • Inks & Pen Cleaners
 Finesline Pencils & Leads
 Pencil Sharpeners •

SPECIAL

POLO .5mm Mechanical Pencil
39¢



10% Discount
 on all

School, office,
 and computer supplies

UNIVERSITY STATIONERY CO.
 311 Mass. Ave., Cambridge
 3 blocks from MIT

Computer Sale

- Fully IBM-XT Compatible
- Runs Lotus 123, Flight Simulator, dBase
- Complete with monitor and two disk drives for only \$1085!!!
- Complete with monitor, two disk drives, and a 20 megabyte hard disk drive for only \$1710!!!
- Warranted for 180 days with 14 day money back guarantee.
- Interested? Call MBR Computers. Dial toll-free:

1-800-202-4860

1. Listen for beeps.
2. Dial your number. (Touchtone phones only)
3. Hang up, we'll call back.

MBR research is a division of MB Research, Westboro, MA.
 IBM is a registered trademark.



JADE TERRACE

Authentic Cantonese Cuisine
 Orders to Take Out

"A Chinese standout in 'ethnic bazaar'."

*** Boston Globe. 1985

無任歡迎 堂外賣 午晚飯 經濟 炒粉麵 合時 精美 大筵席 正宗 粵菜 酌

We can arrange all the details for your parties at our restaurant for up to 50 people day or night.

460-464 Mass. Ave., Central Square, Cambridge, Mass.
 Tel. 576-1550



Announcing Orientation
 for

CONCOURSE

Tuesday, September 3, 4-6pm



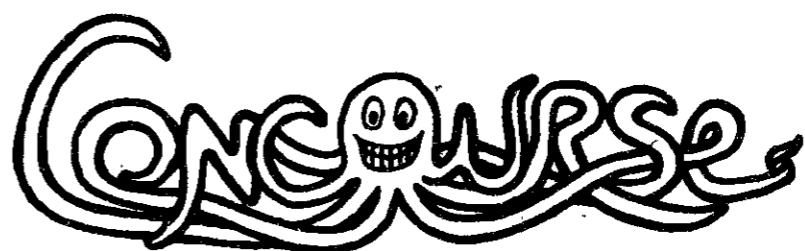
- All freshman requirements
- Theme of "Mind, Machine and Meaning"
- Multidisciplinary approach



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



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



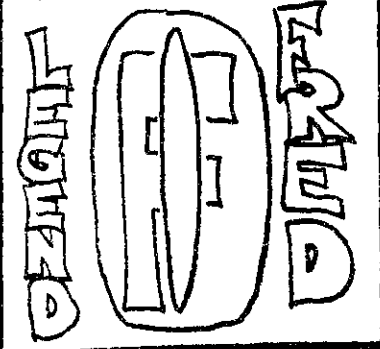
Concourse Lounge, 20C-221

comics

The Legend of Fred

By Jim Bredt

NOW WE COME TO ANOTHER MINDRIPPING EPISODE OF THE



AS THE LAST EPISODE ENDED, MIKE MEK MAN HAD BEEN PROJECTED AS A WAVE OUT INTO SPACE. ALMOST INSTANTLY, AN INVERSE WAVE PROPAGATES BACK TO EARTH AND RECONVERGES ON THE INVOXED APTITUDE LABORATORY, AS IS COMMON, THE I.A. LAB IS SHIELDED AGAINST JUST SUCH WAVES.

THE WAVE IS REFLECTED BACK INTO SPACE. OTHERS FOLLOW IT AND IN TURN EACH IS REFLECTED BACK OUT. THIS CREATES A STANDING WAVE WHICH GRADUALLY FILLS UP ALL SPACE AROUND THE EARTH.

DRAWN BY JIM BREDT

THIS CONTRADICTS THE SECOND LAW OF THERMODYNAMICS; WHICH IS EXACTLY THE FUNDAMENTAL PRINCIPLE WHO MIKE MEETS IN PERSON AS HE MANIFESTS IN RECIPROCAL SPACE.

AS THE MILLISECONDS TICK BY, A BULLET SPIRALS ITS WAY ACROSS THE ROOM.

MY... THIS IS AN INTERESTING FLOWER...

WHO YOU CALLIN' A FLOWER, BUB?

ATHENA EMERGES FROM THE EXPLODING SUPER-COMPUTER

IN LESS THAN A MILLISECOND, SHE IS ON THE SERPENT

I'M GOING TO GIVE YOU SOME OF YOUR OWN MEDICINE. WE'LL SEE HOW MUCH YOU ENJOY BEING TRAPPED INSIDE SOMEONE ELSE'S BODY!

YOU CAN'T DESTROY ME UNLESS YOU KILL EVERYONE ON EARTH!

I'M NOT GOING TO KILL ANYONE!

I REALLY SHOULDN'T DO THIS, BUT IF YOU DIED NOW, YOU'D JUST LET THAT SERPENT OUT AGAIN!

SHE TURNS THE BULLET INTO A ROSE...

...WHICH HITS JOE RIGHT BETWEEN HIS EYES AT TWICE THE SPEED OF SOUND.

ALTHOUGH THIS EPISODE COMES AFTER 3 MONTHS' DELAY, LESS TIME HAS ELAPSED IN THE STRIP THAN IT TAKES TO READ THE PERIOD AT THE END OF THIS SENTENCE. NORMAL TIME WILL RESUME IN THE NEXT EPISODE IN TWO WEEKS.

You can't get through MIT without doing a lot of writing.



at over 800 Monec® and Money Supply™ terminals throughout New England. And speaking of convenience, there's a Coolidge Bank in Kendall Square, just minutes from the campus.

Just fill out and mail in this coupon. We'll send you an Account Opener Kit that will tell you how to open a Coolidge NOW Account by mail. That way, your Coolidge checkbook and your COOLCASH 24 card will be waiting for you when you arrive at our Kendall Square branch in the Badger Building at One Broadway.

So fill out the coupon now. It could be one of the most important pieces of writing you'll do all year.

Being able to write checks from a local bank makes college life much easier. In fact, a local account is a must!

And Coolidge Bank is ready to help you get off to a great start at college. Coolidge offers you the convenience of a COOLCASH 24 card that allows you to get cash whenever you need it at one of our many convenient locations—anytime, day or night.

With a COOLCASH 24 card, you'll not only have access to your money at Coolidge Bank automated teller machines, but you will also be able to get cash and balance information

MIT


Please send me a Coolidge Bank Account Opener Kit.

NAME _____

ADDRESS _____

CITY _____ STATE _____ ZIP _____

RETURN COUPON TO:

 **COOLIDGE BANK
AND TRUST COMPANY**

Marketing Dept., 65 Main Street, Watertown, Ma. 02172

Watertown • Boston • Arlington • Bedford • Cambridge
Everett • Lexington

 Member FDIC
Equal Opportunity Lender

Centrex might be replaced

(Continued from page 1)

Improved Features Offered

The new system will allow special features, such as call waiting, as well as standard telephone service. Features must be paid for on a monthly basis under the Centrex system. Berlan hopes to offer features free of charge with the 5ESS.

The 5ESS will permit digital data communication at speeds up to 56 kilobaud. Customers desiring high-speed data communication would have to purchase a higher-priced telephone equipped with a 25-pin computer connector and pay for the additional data-switch service.

A single telephone line would be able to carry digital and voice communication simultaneously, eliminating the need for dual lines. The cost of telephone service will therefore decrease for many offices, because fewer lines will be needed, Berlan explained.

With the present MIT telephone system, a modem is necessary for data communication. Most modems are limited to a speed of 1.2 kilobaud, and require the rental of a dedicated phone line.

Dispute with Company

The 5ESS would connect to New England Telephone's network through "trunk" lines. Trunk lines can be designated for either residential or business use. Berlan has asked New England Telephone to allow MIT to buy a number of residential trunk lines for the exclusive use of students. Under this arrangement students would pay a flat rate and other users would be charged for message units.

New England Telephone has not agreed to Berlan's proposal. "The mixing of residential and business lines in the same PBX [Private Branch Exchange] system is inconsistent with existing Massachusetts tariffs," stated New England Telephone Manager of Public Relations Bill Welch. "Therefore we simply cannot provide that service."

According to Berlan, New England Telephone is reticent because acceptance of the proposal would set a precedent for the company's relations with other universities. Many area universities, including Harvard, are considering replacement of their current telephone systems with university-owned switches. If student lines are classified as "residential," Berlan said, New England Telephone stands to lose revenue.

Berlan intends to bring the issue of classification of student "trunks" before the Department of Public Utilities within the next two months.

New England Telephone policy would also prevent MIT from connecting its switch to long distance carriers through existing New England Telephone trunks, Berlan explained. Welch said, "Customers have the option to connect to long distance companies through our network or directly."

According to Berlan, however, New England Telephone would not automatically transmit to the long distance carrier the 7 digit billing code. Without the telephone number, the long distance carrier cannot bill the originator of the call.

Berlan is considering directly connecting the 5ESS to long distance carriers. He is discussing this possibility with AT&T Communications, Microwave Com-

munications Incorporated, and General Telephone and Electronics Sprint.

Much Construction Needed

Several factors prevent the installation of the 5ESS before the summer of 1987. The software package which Berlan wishes to run on the switch, called 5E4, will not be available until early 1987. In addition, MIT must allocate and prepare physical space on campus for the switch. The 5ESS will require about 3500 square feet.

Rewiring of the entire Institute would be necessary for installation of any on-campus telephone switch. Parts of the underground phone duct system are clogged and must be cleared. Some buildings, such as N51 and N52, have no telephone ducts connecting them with the rest of the Institute, so new ducts would have to be built.

The Telecommunications Office intends to "create a parallel system, to build a new system while the old one is still functioning" to prevent an interruption in telephone service, Berlan said.

The 5ESS, if approved, will have a capacity of 14,000 telephone lines when installed and is expandable to a maximum of 100,000 extensions. MIT now has over 10,700 Centrex telephone extensions in the 253 and 258 exchanges and 2800 Dormline extensions in the 225 exchange.

Berlan estimated the total cost of conversion to the new system, including the price of the switch, renovation and rewiring, and replacement of every telephone instrument on campus, at \$19.3 million. The cost may be slightly lower, he noted, because not all offices will need to replace previously purchased telephones.

The world is waiting. Be an exchange student.

International Youth Exchange, a Presidential Initiative for peace, sends teenagers like you to live abroad with host families. Go to new schools. Make new friends.

If you're between 15 and 19 and want to help bring our world together, send for information.



Write: YOUTH EXCHANGE
Pueblo, Colorado 81009

The International Youth Exchange.

This space donated by The Tech

BARBECUE

sponsored by
MIT Seekers Christian Fellowship

Tuesday, September 3, 1985
4:00 PM

Student Center Barbecue Pits

All interested students
invited to attend

"So do not worry, saying 'What shall we eat?' or 'What shall we drink?'... But seek first the kingdom of God and his righteousness, and all these things will be given to you as well."

Matthew 6:31,33

AEPi BOAT RIDE TO BOSTON

STEP 1: WAIT TILL THE PICNIC IS OVER

STEP 2: WALK TO THE SAILING PAVILION OR LOOK FOR AN AEPi SIGN

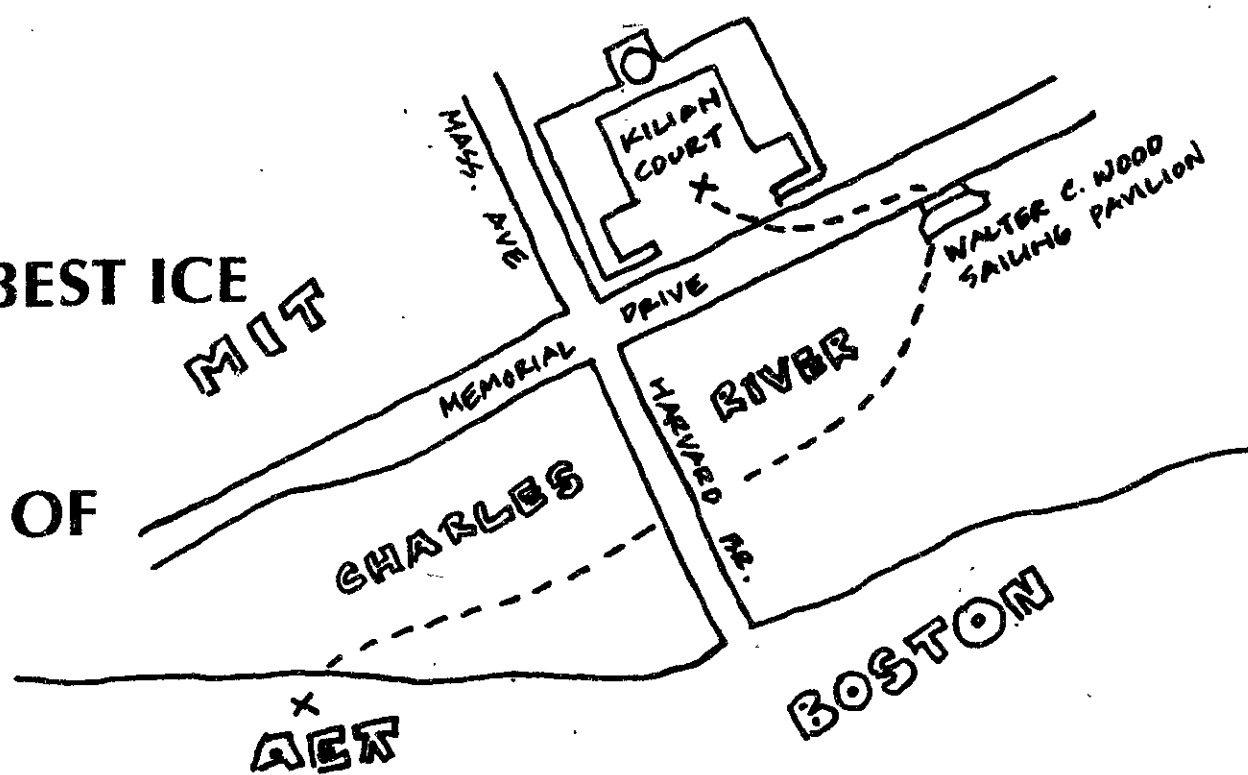
STEP 3: GET ON A BOAT

STEP 4: ENJOY A SCENIC AND PLEASANT RIDE TO BOSTON

STEP 5: GET OFF AT AEPi

STEP 6: TASTE SOME OF THE BEST ICE CREAM IN BOSTON

STEP 7: MEET THE BROTHERS OF AEPi



WHY WALK? WHY DRIVE?

Bane's

FURNITURE WORLD

STUDENT FURNITURE

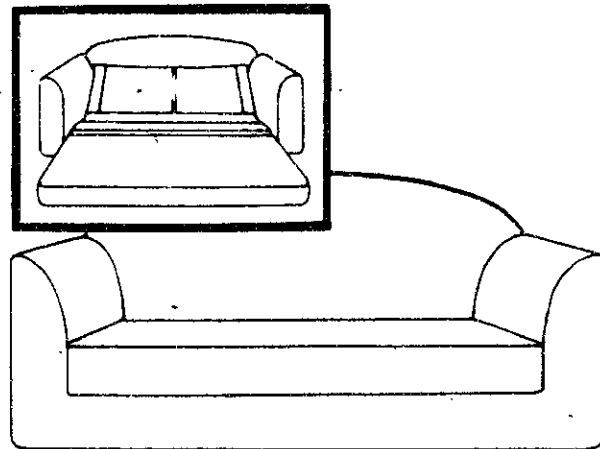
SALE



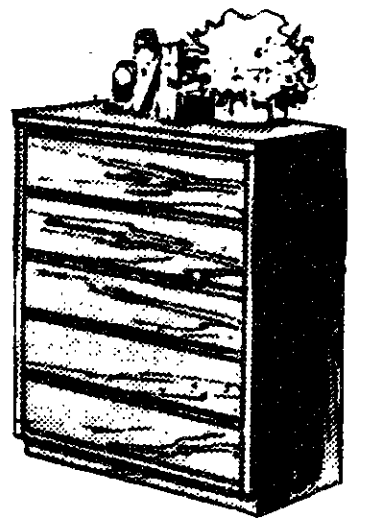
DIRECTOR'S CHAIRS \$19



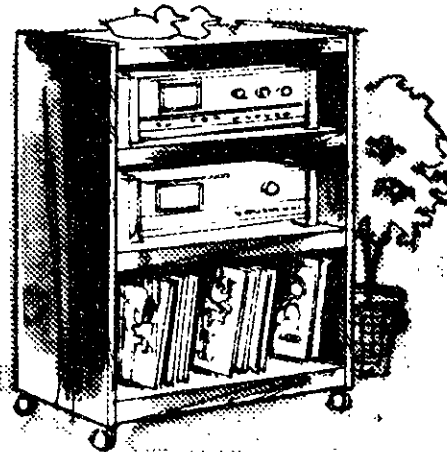
CONTEMPORARY DINETTE \$79



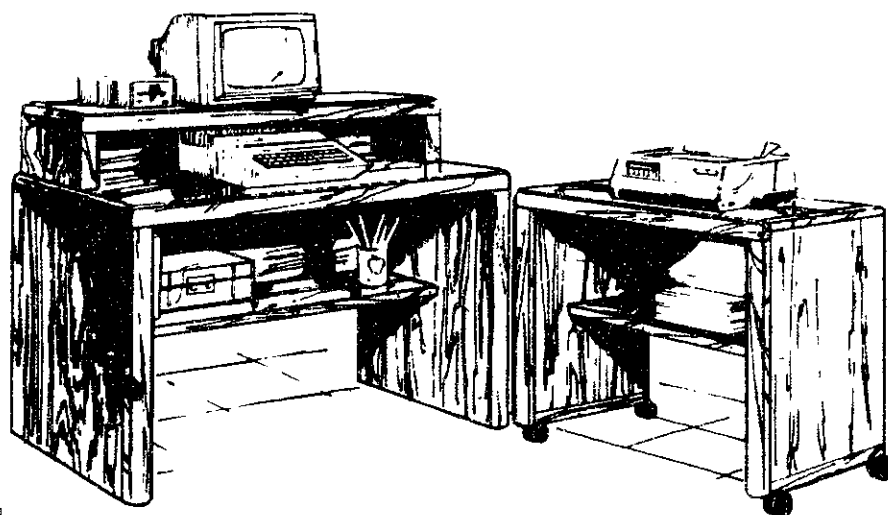
SLEEPER Choice of Cover \$199



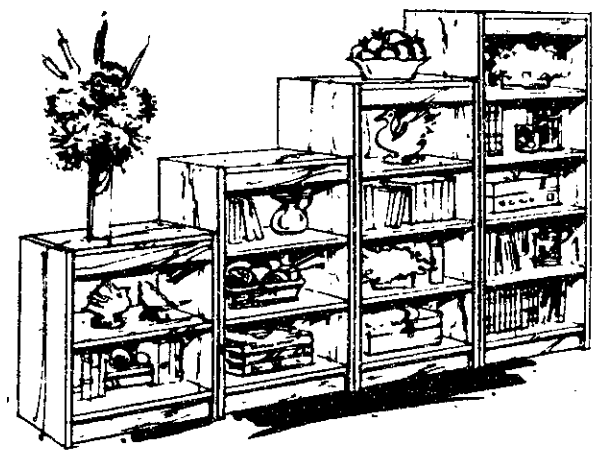
CHESTS
4 Drawer \$59
5 Drawer \$69



UTILITY/STEREO CART \$59



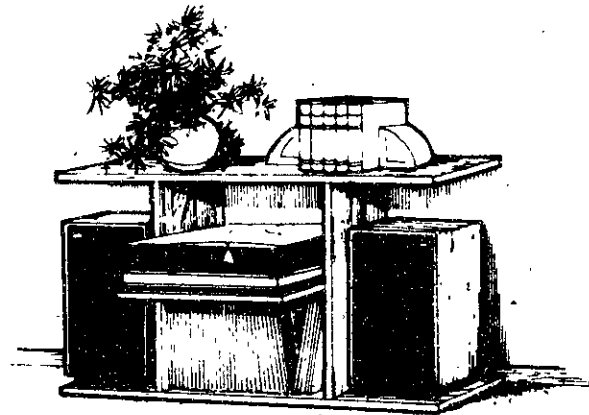
COMPUTER STATION
Teak or Oak Finish \$199
Other Computer Stations \$99



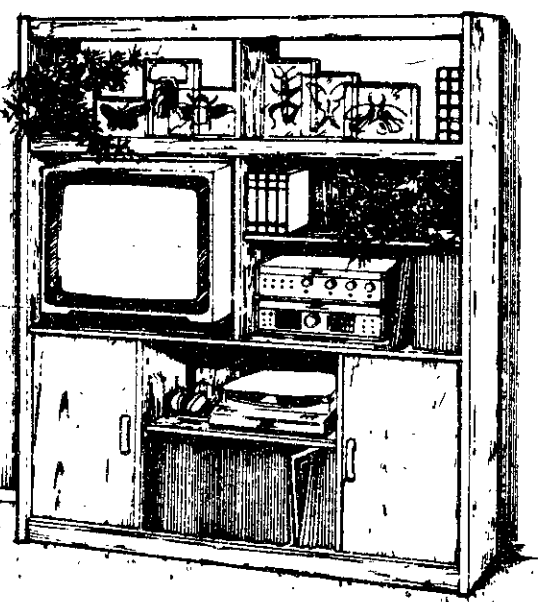
ASSORTED BOOKCASES \$29



STUDENT DESKS \$35

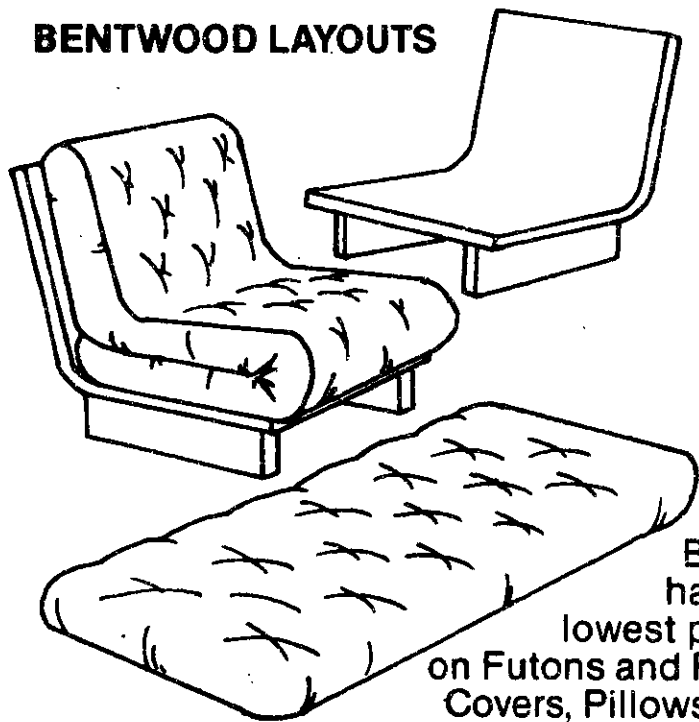


MUSIC CENTER Oak Finish \$29



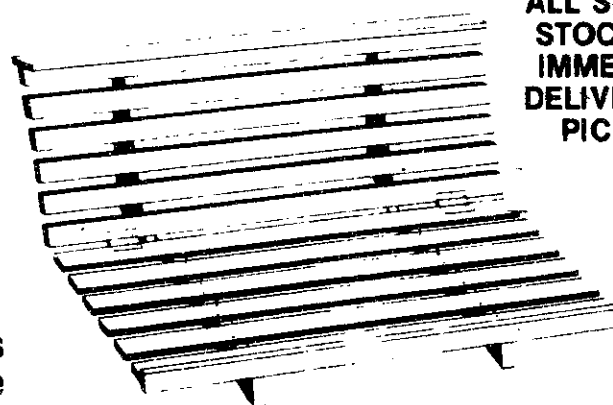
WALL UNITS Oak Finish \$129

BENTWOOD LAYOUTS



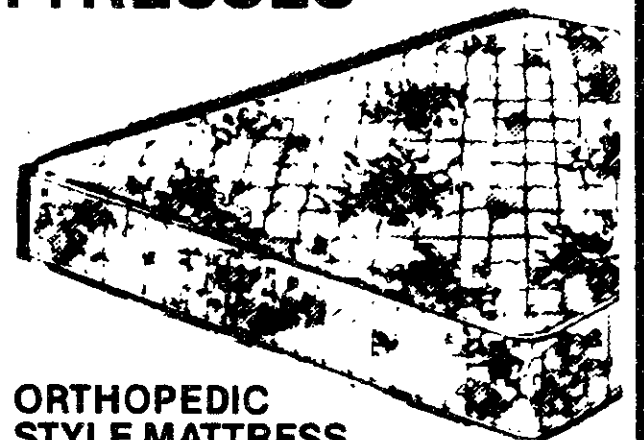
Bane's has the lowest prices on Futons and Futon Covers, Pillows, etc!

FUTONS • FRAMES • MATTRESSES



FUTON-RACK All Wood \$169

ALL SIZES IN STOCK FOR IMMEDIATE DELIVERY OR PICK UP



ORTHOPEDIC STYLE MATTRESS Sold in sets only \$48

Illustrations similar but not exact.

7 FLOORS OF BRAND NAME FURNITURE



OPEN DAILY 9-9
SATURDAY 9-5:30
SUNDAY 12-5:30

SOME ASSEMBLY REQUIRED ON SOME ITEMS.

PHONE 661-6016

DELIVERY AVAILABLE
ALL MERCHANDISE IS BRAND NEW
NO DEALERS PLEASE

NO RAINCHECKS—ALL ITEMS SOLD FIRST COME FIRST SERVED

Bane's

FURNITURE WORLD

505 MASS. AVE., CENTRAL SQ. CAMBRIDGE

LIFE ISN'T CHEAP.

SHARE THE COST OF LIVING.

Give to the American Cancer Society

This space donated by The Tech



Manseur's
your **IMAGE** is our career

Hair & Skin Care Salon

"THE BEST CUTS IN BOSTON"

Appt. & Walk-in 231 Newbury Street 536-1605

Offers valid with all stylists except owners & selected stylists

\$9.00 SPECIAL

with this ad or 15% Disc.

9am-12noon Mon-Thurs.

thru 9/30/85

MIT Shotokan Karate Club



announcing an **Introductory Class for New Members:**
6:00 pm, Tuesday, September 17th, T-Club Lounge (DuPont Gym)

Our club is open to all members of the MIT community and we have a special training program for beginners. We invite you to come work out with us.

This semester, led by chief instructor Sensei Kazumi Tabata, 6th Dan (6th degree black belt), our practice schedule will be:

Tuesdays 6:00 -8:00pm T-Club Lounge
Thursdays 6:00 -8:00pm Dance Studio
Saturdays 11:00am-1:00pm T-Club Lounge

For more information, please contact:

Mike Owu 225-6588
253-6788

OUR TWO WEEK SPECIALS ENDING SEPTEMBER 14th

BAUSCH & LOMB Sensitive Eyes

PAYNE 16-Month Calendar

12 oz. \$2.99 10" x 8½" \$1.79

ELMER'S Glue-All

SCOTCH Desk Tape Dispensers
Beige, Black
Brown \$1.99

\$0.49

Memo Books Wire

SCRATCH Pads

2 sizes \$0.35 3" x 5" \$0.19 each
6 for \$1.00

MARKS-A-LOT

BENZOYL PEROXIDE Lotion
10%

Red, Black, Blue \$0.75 1 oz. \$1.98

KENDALL DRUGS

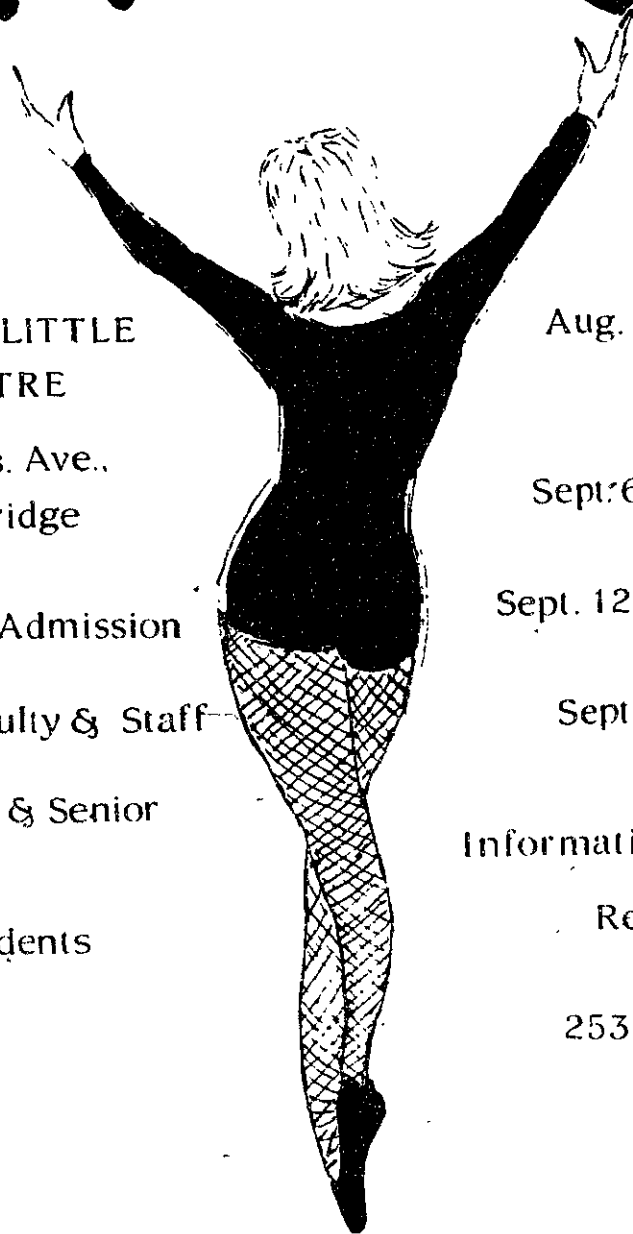
Your MIT Community Drug Store

492-7790
238 Main Street

Kendall Square
Cambridge, MA

The MIT Musical Theatre Guild proudly presents:

APPLAUSE



KRESGE LITTLE THEATRE
84 Mass. Ave., Cambridge

Aug. 30, 31.
Sept. 1 8 pm

Sept. 6, 7 8 pm

Sept. 12, 13, 14 8 pm

Sept. 14 3 pm

\$6 General Admission

\$5 MIT Faculty & Staff

\$4 Students & Senior Citizens

\$3 MIT Students

Information and Reservations:

253-6294

ATTENTION ALL GRADUATE STUDENTS

THE GSC ACTIVITIES COMMITTEE IS NOW
ACCEPTING REQUESTS FOR FINANCIAL SUPPORT
OF GRADUATE STUDENT ACTIVITIES!
CALL THE GRADUATE STUDENT COUNCIL
OFFICE X3-2195 FOR INFORMATION.

FINAL DATE FOR RECEIPT OF REQUESTS

BY THE GSC IS **SEPTEMBER 23**

Boston colleges face same housing problems

(Continued from page 1)
doubles, with RAs assigned to singles.

BU enrollment has not increased, but more students than in previous years have requested on-campus housing because of the increasing expense of off-campus apartments, said Furman.

"Each year more students remain on campus, so it's getting more and more crowded," said Harvard Housing Officer Lisa Colvin. Students find off-campus apartments too costly, she said. "They don't want to pay \$400 to \$500 per month."

Crowding of Harvard houses may affect upperclassmen as well

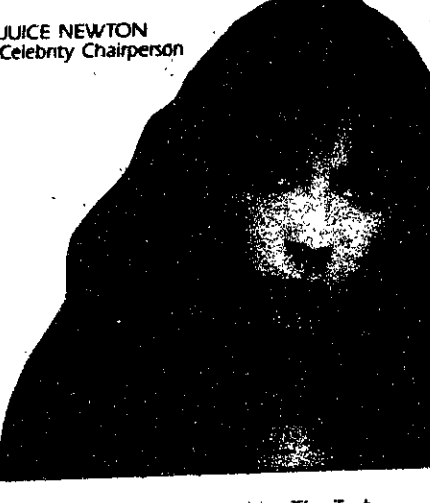
as freshmen, according to Colvin. In a crowded house, more students than usual may live in a room, or students may live in lounges, she explained. Colvin did not know exactly how many students were living in crowded conditions.

Because of a desire for more space as well as for a unified campus, Emerson College has announced plans to move from the Back Bay to Bedford within two or three years. The school began looking for a new campus last March after it exhausted court appeals of the city's denial of a dormitory license at 529 Beacon St.

THE NATIONAL KIDNEY FOUNDATION, INC.

Sign an Organ Donor Card!

JUICE NEWTON
Celebrity Chairperson



This space donated by The Tech

313 Massachusetts Avenue
Cambridge, MA 02139 492-9508

Although you're away from home, Mom is still here.
MOM'S KITCHEN
Good home cooking

Hours:
Mon-Sat 5:30 am-3 pm
Sun 10:00 am-3 pm

MOM'S KITCHEN
FREE FRENCH FRIES
WITH YOUR SANDWICH

(expires 9/16/85)

Save 10% off the dinner menu with this ad.
15% off for any group of 15 people

PEKING DUCK RESTAURANT

MANDARIN - SHANGHAI - SZECHUAN



MONDAY thru FRIDAY 11:30-2:30

ALL YOU CAN EAT \$3.50

CHINESE PASTRY

SATURDAY & SUNDAY 11:30-2:30

Banquet Room

485 Mass. Ave.
Central Sq. — Cambridge
491-6725-6726

New Special Every Day

FREE DELIVERY 5:30-9:00, \$10 minimum

Municipal Parking in Rear

Offer expires 12/31/85

THE Delts

WELCOME THE WOMEN OF THE CLASS OF '89

A GOOD TIME at pi lam is a **SAFE BET!**

EXTRA, EXTRA, READ ALL ABOUT IT! SATURDAY NITE OF RUSH WEEK: PI LAM'S CASINO PARTY! HOT DICE, HOT CARDS, DOOR PRIZES, FREE REFRESHMENTS... BEST PARTY SINCE LAST YEAR'S!

FOR RIDES OR INFO CALL 247-7775

BEACON ST