

in the news

INSIDE

The limited ability of underdeveloped countries to absorb Western technology must be dealt with as a part of efforts to help these countries, Larry Spense, a Penn State political scientist told a Technology and Culture seminar. Spense said that the current approach to helping underdeveloped countries emphasizes administrative and engineering problems and is not sufficient.

p6

OUTSIDE

MIT has recently joined a program to deter the amateur thieves who are responsible for 65 per cent of all car thefts. Applications for the H.O.T. Car Club are being distributed at the desks of dormitories, the Campus Patrol Headquarters, and at parking booths. Auto owners who send in an application will receive a H.O.T. Car Kit, which contains information on free theft-deterrent door lock buttons, how to mark expensive accessories to make the car more theft-proof, free radio and TV reports should a car be stolen, and other material.

Both unemployment and total employment were about unchanged in August, the Bureau of Labor Statistics of the U.S. Department of Labor reported. The nation's unemployment rate was 7.9 percent, little different from the July rate of 7.8 percent but 0.6 percentage point above the 1976 low reached in May. Total employment totaled 88.0 million in August, about the same level as in July. Since its March 1975 recession low, employment has grown by 3.9 million. Nonagricultural payroll employment rose by 240,000 to 79.4 million. Payroll jobs were 3.1 million above their June 1975 recession low, a monthly average gain of 220,000.

UPDATE

MIT, Harvard, and the City of Cambridge have verbally agreed to extend the 3-month-old moratorium on recombinant DNA research beyond its original expiration date of Oct. 7, Daniel J. Hayes, chairman of the Cambridge Laboratory Experimentation Review Board told *The Tech*. The moratorium must still be formally extended by the Cambridge City Council, but Hayes expects that there will be "no problem" in getting Council approval.

Public input asked in DNA research

By Mark James

The public must be allowed to have a greater voice in decision-making on scientific research, said speakers at a teach-in on gene implantation held Wednesday.

Although the meeting was specifically addressed to recombinant DNA research, many of the panel members spoke more generally about the hazards of scientific research which is conducted without public discussion and approval.

The teach-in was co-sponsored by the Social Action Coordinating Committee (SACC) and Science for the People; an organization that has supported the Cambridge moratorium on the more hazardous types of recombinant DNA research.

Robert Park, a member of Science for the People who spoke on the politics of this DNA research, said, "We believe that ordinary working people can make skillful scientific judgments."

He said that people should look at the "past record of promises of new technology" to see if claims of benefits and safety by researchers could be relied upon.

Gene implantation, or recombinant DNA research, involves the insertion of segments of DNA from any organism, including man, into another cell, usually *E. Coli*. The DNA can then become incorporated into the genetic

material of the host, resulting in an organism with possible different properties than any naturally occurring cell.

Recombinant DNA research is part of a "rapid proliferation of research without public control" according to Philip Youderian G, who spoke on the technical issues involved in recombinant work. He cited the hazards of inserting new genes in the bacterium *E. Coli*, saying that a "novel organism" would be created which might pose unknown hazards.

Besides normally inhabiting the human intestine, *E. Coli* is the "chief cause of urinary tract infections in human beings," so that newly-created strains could pose great hazards, Youderian claimed.

Professor of Psychology Steven Chorover said that there was a failure to consider possible but unintentional consequences of this research among the scientific decision-makers.

He warned that decisions on research are often made by a "cult of expertise" made up of scientists involved in this work — a group that may lack objectivity.

The "prudent path," according to Chorover may be to insist that more effort be directed toward research on environmental substances that cause cancer instead of toward recombinant research.

Many scientists involved with



Phil Youderian G speaks on the technical aspects of recombinant DNA research hazards at the teach-in Wednesday.

recombinant research say that it may be an important tool in understanding the causes of cancer.

In response to a question from the audience, several of the leaders of the teach-in admitted that their panel did not include speakers in favor of this research, but they defended this omission by saying that opponents of the research had not been given an adequate chance to speak up in previous meetings.

Assistant Professor of Biology David Housman, a researcher who has been prevented from doing recombinant research by the Cambridge ban, was allowed to speak briefly.

He said there is "more to the

motivation of this research than personal gain." Many scientists are concerned directly with the care of patients and do research for the good of these patients, according to Housman.

Diana Echeveria, a technician at the Harvard Biological Laboratories, said that "most technicians don't have a clear position" on whether recombinant research should take place, but that they did have a common concern: protecting their safety.

She complained that the research decisions were being made by an "undemocratic process" which did not involve technicians, who have a "direct interest" in the possible hazards.

Early finals a topic at GA meeting

By Peter Coffee

Grade deflation, finals week timetables and a Federal Credit Union at MIT were major topics at the year's first meeting of the Undergraduate Association General Assembly on Wednesday.

The Assembly also elected its Executive Committee and began orientation of nine committees devoted to particular concerns for 1976-77.

UA President Phil Moore '77 described the Execomm slate — Brian Hughes '77, Julie Keller '78 and Dave Browne '78 — as "three good people who were interested in getting something done." The three will assist UA officers Moore, Vice President Steve Spiro '77 and Secretary Charlie Shooshan '77 in the direction of social events and general administration.

Louis Touton '77, Chairman of the Student Committee on Educational Policy (SCEP), outlined two alternatives to the present Friday-through-Wednesday finals week, which begins on a Friday — a day after classes end — and ends on a Wednesday. The suggested rearrangements involve the choice of a trade-off between the possibility of conflicts and the possibility of as many as three finals in one day. The proposals will soon be submitted to the faculty, probably accompanied by data on student preferences, according to Touton. SCEP was also directed to investigate rumors of an Institute-wide drive toward more C-centered subjects designed to counteract the problem of "grade inflation."

The Assembly decided to explore the feasibility of establishing

a Federal Credit Union — roughly described as a federally chartered and insured cooperative savings and loan association — at the Institute. The Union would be entirely student-run; Moore noted that such an operation has been underway at the University of Massachusetts for two years, with evident success.

Following is a list of UA standing committees, which are open to all undergraduates:

— Committee on Institute Housing: Charlie Briggs '77, Chairman. Concerned with fraternity and dormitory conditions.

— Student Committee on the In-

stitute Environment: Fern Crandall '78, Chairman. Monitors the Institute's appearance and comfort.

— Committee on Institute Commitments and Research: Rob Drelles '78, Chairman.

— The Committee re the Student Federal Credit Union: Dave Hoika '77, Chairman.

— Women and Minorities Admissions: Julie Keller, Chairman.

— The Committee re the Institute Budget: Phil Moore, Chairman.

— Social Committee: Steve Spiro, Chairman.

— The UA Secretariat: Charlie Shooshan, Chairman.

Sam Benichasa dies

By Glenn Brownstein

Sam Benichasa, 37, commissioner of the MIT Community Summer Softball League and originator of a number of unique IAP seminars, died Tuesday evening of a heart attack after jogging on Briggs Field.

A Draper Lab employee, Benichasa took over the summer league in 1974 and expanded it from a 15-team, fast pitch organization to a very popular activity, involving over 750 participants and 50 teams in all levels of play last year. Benichasa also developed an elaborate playoff format that involved all teams in post-season competition with rewards for high regular season finish.

Tom Stagliano G, who worked closely with Benichasa for the league, said that he "improved the level of play by sponsoring officiating courses, and was very energetic and dedicated."

Stagliano is meeting with MIT Athletic Department officials this week about the possibility of es-

tablishing a Benichasa Award for contributions to community sports, on the same level as the Pettegrove Award, which honors intramural contributions.

Benichasa also sponsored from three to five IAP seminars every year, on topics as diverse as jelly bean jar guessing, beating traffic citations, macrobiotic cooking, and mind control.

A research engineer with the Navy Group at Draper since 1965, Benichasa had combined his interests to help run a noontime softball league for Lab employees, and was organizing a mini-Olympics for Draper personnel at the time of his death. His fatal heart attack was suffered at the end of a training session for some of the track events he planned to enter.

Born in Brooklyn, Benichasa attended Brooklyn Tech High School. He received a B.S. in mechanical engineering from Cooper Union in 1960, and an M.S. from Cornell in 1969.

Funeral services will be held in Brooklyn tomorrow morning.



A five cent deposit will be required for all soft drink cans as well as bottles sold in Massachusetts if the Massachusetts bottle bill passes on the November ballot. See story page 5. Gordon Haff

Practical skills are taught at MIT

By Hillary Lust

A practical, as well as theoretical, technological education is available at MIT. The theoretical instruction can be found in many MIT classrooms. But the practical instruction can only be found at the Lowell Institute School, which is housed on the MIT campus.

The Lowell school offers practical courses in areas of modern technology, such as high speed photography, television systems technology, basic scientific glassblowing, electronics technology, and mechanical drafting.

"The curriculum stresses 'hands on' experiences," says Bruce D. Wedlock, Director of the Lowell Institute School. "We use MIT's special facilities to teach practical courses, designed for the technician.

There are 320 students enrolled for the fall term at the school. Approximately twelve of these are also MIT students. Most of the 18 instructors are either MIT faculty or graduate students, according to Wedlock.

The Lowell Institute School is only one of a number of programs sponsored by the Lowell Institute, a non-profit, philanthropical foundation. In addition to partially funding the Lowell Institute School, the Lowell Institute also sponsors several lecture series and other educational programs in the Boston area.

This fall, the Institute is spon-

soring a series of ten lectures at the New England Aquarium on "Fishes and Men." It is also sponsoring two lectures at Boston University School of Theology and is underwriting various science programs and lectures under the auspices of the Museum of Science.

The Lowell Institute partially sponsors the Harvard University Commission on Extension Courses, which offers evening classes at Harvard.

The Lowell Institute Cooperative Broadcasting Council — composed of the Lowell Institute, MIT, Harvard University, Wellesley College, Museum of Fine Arts, Museum of Science, and other organizations — helps to support three non-commercial, educational television stations

and one non-commercial radio station, with donations. The stations are WGBH-TV, Channel 2, Boston; WGBX-TV, Boston; WGBY-TV, Springfield; and WGBH-FM.

The Lowell Institute of Boston was started in the mid-1800's, with a bequest from John Lowell. He left money to fund free public lectures for the residents of the Boston area. In the early years of the Institute, pre-eminent speakers gave frequent lectures at the Institute.

In 1903, A. Lawrence Lowell, then the Trustee of the Lowell Institute and President of Harvard, and MIT's President Pritchett expanded the Institute's programs to include courses because they felt technical workers should have the opportunity for further educa-

tion. Pritchett gave Lowell Institute basic facilities, such as classrooms and equipment, at MIT, and Lowell funded the rest of the program. They called the school they created the Lowell Institute School and began two two-year technical programs, one mechanical and one electrical. The courses were intended for practicing technicians and met at night.

In the late 1960's, the two-year programs began to diminish in popularity. The two-year mechanical and electrical programs were ended in 1967. In 1972, the Lowell Institute School became an official part of MIT. At present, the Lowell Institute School is funded almost equally by MIT, Lowell Institute, and the tuition and fees of students.

Psychiatric
Counseling
For College
Age Adults

COLLEGE MENTAL
HEALTH CENTER

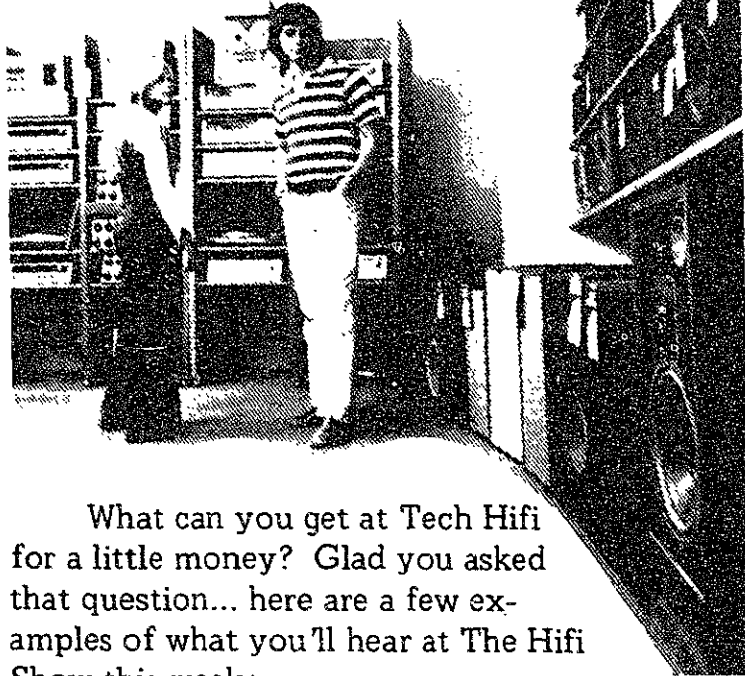
Located in Prudential
Center. For information
call 262-3315.

HOW LITTLE CAN HI-FI COST?

The hifi systems at Tech Hifi can cost as much as \$8,000 (we're not called The Hifi Show for nothing).

Or as little as \$269. (For the purposes of this ad, we'll assume you have Porsche taste, but a Toyota budget).

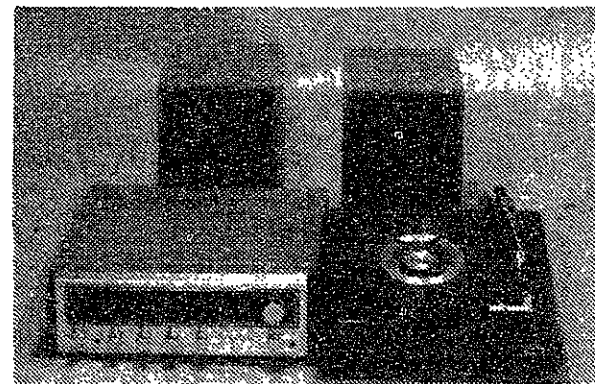
It is possible to be perfectly happy with an inexpensive hifi system. But only if all your components are "best buys" in their price range. (Incidentally, if you buy something at Tech Hifi and you're not perfectly happy with it, you can return it within seven days for a full refund).



What can you get at Tech Hifi for a little money? Glad you asked that question... here are a few examples of what you'll hear at The Hifi Show this week:

\$269 For true high fidelity performance at a truly affordable price, you just can't beat this system with the new high performance KLH 71 stereo receiver; big 2-way Studio Design 26 loudspeakers; and the new BSR 2260BX automatic turntable (complete with base, dustcover, and ADC induced-magnetic cartridge). Come to The Hifi Show this week and ask one of our sales consultants to play this amazing system for you.

\$299 You can spend days shopping around in every place that sells stereo, and we still guarantee you won't find



BSR BY PIONEER

a better-sounding system for the money

than this one. It features the powerful Pioneer 434 am/fm stereo receiver; reliable BSR 2260BX automatic turntable and startling ADC XT-6 loudspeakers which are small enough to fit in your bookshelves, yet loud enough to wake up an entire dormitory. Also included in the system price are a dustcover, base, and ADC induced-magnetic cartridge.

\$329 For slightly more money you can own a system with the popular EPI 60 loudspeakers. The "Linear Sound" of EPI is more real-sounding than many expensive speakers, and they are just the right size for a college room or small apartment. The power for the EPI's is supplied by the superb Nikko 2025 am/fm stereo receiver, and the turntable we include is the high performance Garrard 440M (Garrard is probably the most well-known manufacturer of turntables in

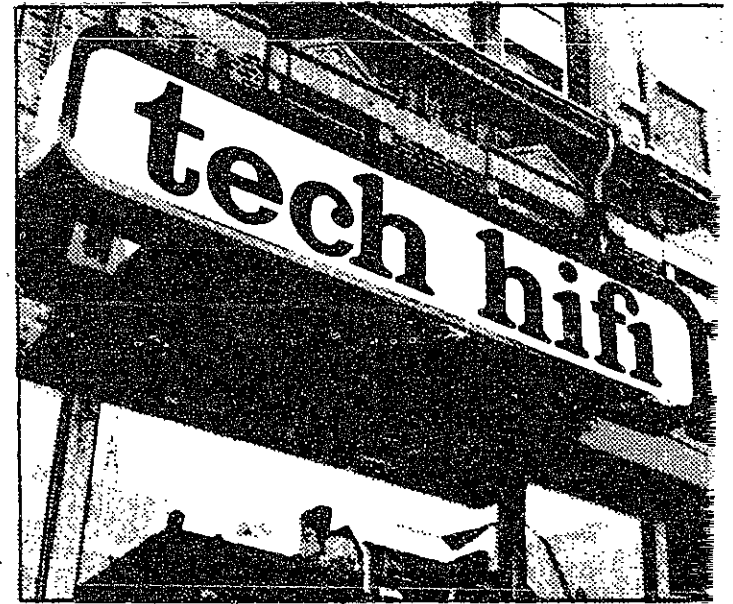
the world). This turntable comes equipped with a rugged Pickering magnetic cartridge that will take good care of your record collection.

\$399 It's rare, if ever, that you see a system with components by Marantz, KLH, Philips, and Audiotechnica selling for under \$400. This one features the powerful, high quality Marantz 2215B stereo receiver; famous KLH 101 two-way acoustic suspension loudspeakers; and the excellent Philips GA 427 belt-drive auto-return turntable, complete with an Audiotechnica AT 90E Dual Magnet cartridge, base, and dustcover.



Philips audio-technica KLH

Before you spend a lot of money on stereo, spend a free evening this week at The Hifi Show.



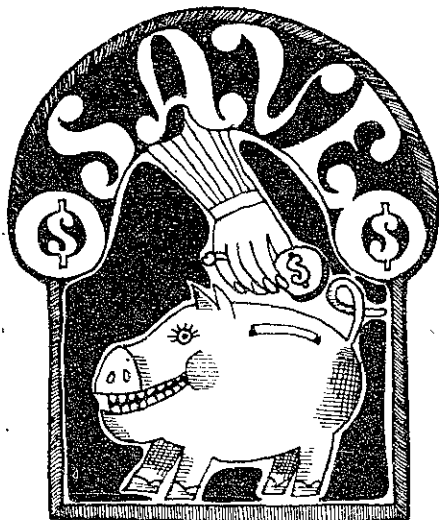
THE HIFI SHOW

182 Massachusetts Ave, Cambridge 864-HIFI

In Massachusetts: Harvard Sq., Comm. Ave., Newbury St., Waltham, Stoneham, Framingham, Dedham, Quincy, Hanover, Brockton, Worcester, Amherst and Northampton.

Stores also in New Hampshire, Vermont, Rhode Island, Connecticut, New York, New Jersey, Pennsylvania, Ohio and Michigan.

MARCH OF Dimes



SIDEWALK SALE!

THIS FRIDAY

10 am to 4 pm

Save 1/3 to 2/3 and more

weather permitting
WOMEN'S & MEN'S BOUTIQUE CLOTHING
• ART PRINTS
• POSTERS & FRAMES
• TOWELS, SHEETS & PILLOWCASES
• POP & CLASSICAL RECORDS

all sales final

the Coop
M.I.T. STUDENT CENTER

Police Blotter

(The Police Blotter is a report written by the Campus Patrol on crimes, incidents, and actions on the MIT campus each week.)

Library thief nets wallets

Two students studying in the Hayden Library Wednesday afternoon suffered the loss of their wallets to an unknown thief or thieves. In both cases the women were sitting at tables with their handbags hung on the back of their chairs. They discovered the wallets missing as they made ready to leave. Both lost ID's and other personal papers. One lost about \$15 cash; the other lost \$100.

Seen wandering in and out of numerous locations in the area at the time was a female, 17 to 18 years of age, 5'6", reddish brown hair, wearing Levis and carrying a brown leather bag. She was seen by several people at the time, all of whom thought she appeared not to belong there.

Valuable greenery stolen

Potted trees and plants, valued at approximately \$350, were stolen from their beds at an East Campus area residence. Taken in the weekend theft were some nine pieces, including a three foot high orange sapling.

Two new cars stolen

Two brand new cars, one a '76 Pontiac, the other a '76 Buick, were stolen from the area within the past week. The former was taken from the river side of Memorial Drive, the latter from the East Garage. The Buick was recovered the next day in South Boston after being stripped by the thieves (right down to the radial tires).

Intruders

At times people return to their rooms, offices, etc., and find a stranger inside. The stranger usually has a "cover" story, such as: looking for employment, or trying to find some person.

Regardless of the story provided, take close notice of the intruder's appearance, age, height, weight and clothing and notify the Campus Patrol as soon as safety allows. Do not forcefully confront intruders or pursue them when they flee. Such action involves a high degree of risk, and has in the past resulted in assaults upon members of the community. It is far more advisable to be able to provide a good description of an intruder and the direction of flight — then notify the Campus Patrol immediately.

Along the same lines, whenever you notice juveniles or other strangers wandering about, or entering dormitories, offices, labs, etc., notify the Campus Patrol immediately. Officers will quickly respond. Remember that if you live in a dorm, it serves as your home while you're here. No one can keep it secure better than you.

Open daily 11:30am - 10:30pm
 Fri & Sat til 11:30pm
 Sunday Noon to 10:30pm

金店
Golden Horde Restaurant
 Mandarin Cuisine
 Burmese and
 Vegetarian Specialties

1281 Cambridge St.
 Cambridge, Mass. 02139
 Phone 547-4129

Don't
 Learn About
 Bike Theft
 The Hard Way!

Buy A CITADEL Lock And
 Get A Guarantee Against Theft

CITADEL
 Ultra-high Security Lock

Bike Security Systems • 177 Tosca Dr • Stoughton MA 02072

Available wherever fine bikes are sold
 WRITE FOR A FREE BROCHURE

Headquarters
DENIM JEANS
 LEVIS • LEE • WRANGLER

HIKING BOOTS
 DUNHAM TYROLEANS

**TURTLENECK
 JERSEYS**
 3.98


**Central War
 Surplus**
 433 MASS. AVE.
 Central Square Cambridge

Sangam
 presents
 An Evening of
 Indian Classical Dance

**Raja and
 Radha Reddy**
Bhaskar and Cindy

Saturday, October 2nd.
 7:30 P.M.
 Kresge Auditorium
 Tickets \$6, 4, 3
 Students \$1 off
 All seats reserved.

For reservations:
 call 494-8928
 between 7 and 10 P.M.



A PRODUCT FOR SQUARES.

And square roots and reciprocals and powers and Pi and three addressable accumulating memories and four-level "rollable" stack and trig functions and mode selection and rectangular/polar coordinate conversion and log functions and scientific or engineering notation and floating decimal and statistical and percent functions and 10 digit mantissa.

And what more could you ask for in a calculator? Especially one that sells at the Harvard Coop for a suggested price of under \$85. The Model 4640 from National Semiconductor.

National Semiconductor

Hillel Courses

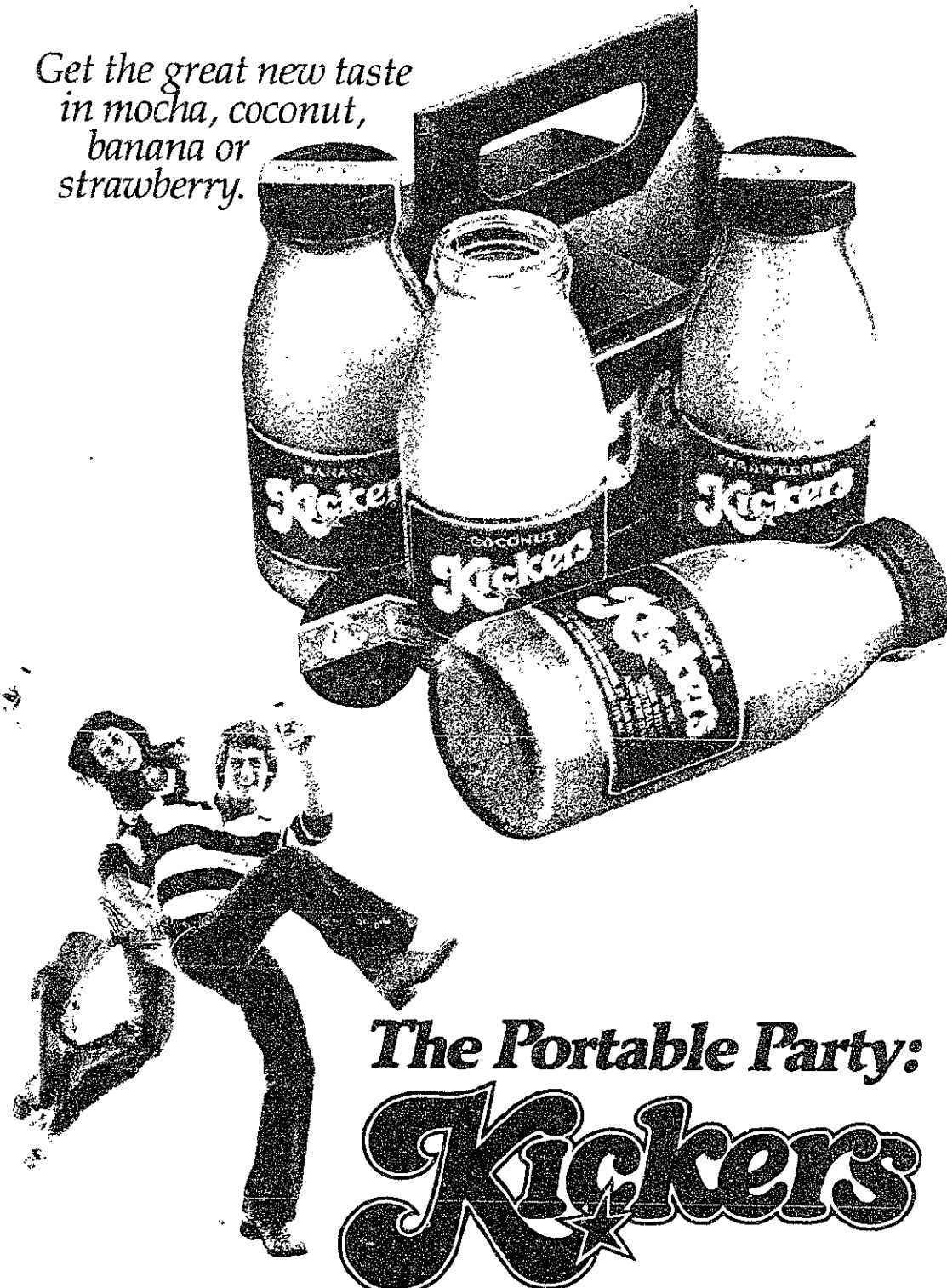
The following courses are being offered free of charge, by Hillel of M.I.T. and are open to all those interested.

Hebrew 1	Mon. and Thurs. 4:00-5:00
Hebrew 2	Tues. 5:00-6:00
Hebrew Literature	T.B.A.*
Talmud 1	Wed. 4:00-5:00
Talmud 2	T.B.A.
Rabbinic Philosophy	Wed. 5:00-6:00
Introduction to the Bible	First meeting Tues. 9/21 8:00 at Hillel
The First Restoration of the Jewish State	First meeting Tues. 9/21 8:00 at Hillel
Laws of Slander and Gossip	Thurs. 11:00-12:00
Texts and Ideas in Jewish Mysticism	Tues. 4:00-5:00
Trop (Torah Reading)	Wed. 8:00-9:00
Chazanut (Service Skills)	Wed. 7:00-8:00
Scribal Arts	Tues. 5:00-6:00
Jewish Legal Literature (Shabbat)	Fri. 11:00-12:00
Peace Within Thy Walls o' Jerusalem	Wed. 8:00-9:00

Classes will begin the week of 9/27. If you're interested in registering you still can. Call Hillel at 253-2982 or come down to the Religious Counselors office — 312 Memorial Dr. All courses will be held in the Religious Counselors Bldg.

T.B.A. = to be announced

Get the great new taste
 in mocha, coconut,
 banana or
 strawberry.



**The Portable Party:
 Kickers**

30 PROOF AND READY TO GO

Kickers, 30 proof, ©1976, Kickers Ltd., Hartford, Conn

opinion

Beavers on the gridiron: an MIT football weekend

By Glenn Brownstein

I'm probably the *n*th person to write about this fantasy, but have you ever wondered what it would be like if MIT had a football team? Picture this: Briggs Stadium packed with 10,000 screaming fans awaiting the opener against Boston University or Northeastern. Cheerleaders, dressed in cardinal and gray, with a giant "T" on their sweaters, would lead the crowd in choruses of "e to the x du dx, e to the x dx..." or "give me an M, give me an A, give me an S..." (to be done only at halftime).

At precisely 1:30 on a given football weekend, MIT's appointed gladiators, culled from the "jock frats" and some of the more athletic dorm residents, would jog onto the field in their cardinal and gray uniforms, topped with a cardinal helmet with the traditional toothy red "Brass Rat" beaver on it. The marching band could be an enlarged, improved version of LCA's current troupe that "performs" at A-league football games (yes, that is the National Anthem you've heard at the Rugby Field on a Sunday afternoon even though when LCA plays it, it could be anything).

And what about a card section? UCLA has one, as does USC, and computer simulations could generate some rather remarkable messages, as USC found out about ten years ago. That year, the USC activities office was broken into the night before the UCLA game, the sole purpose being to exchange the cards intended for use with those specially prepared by members of the California Institute of Technology. At half time, before a national television audience, USC went through its routine flawlessly until the section reached the altered trick. In front of Chris Schenkel, Bud Wilkinson, and about 20 million TV viewers, the stunt designed to read "Beat UCLA" read, well, not "beat," but something else with four letters. Ah, the humor of those Cal Tech folks...

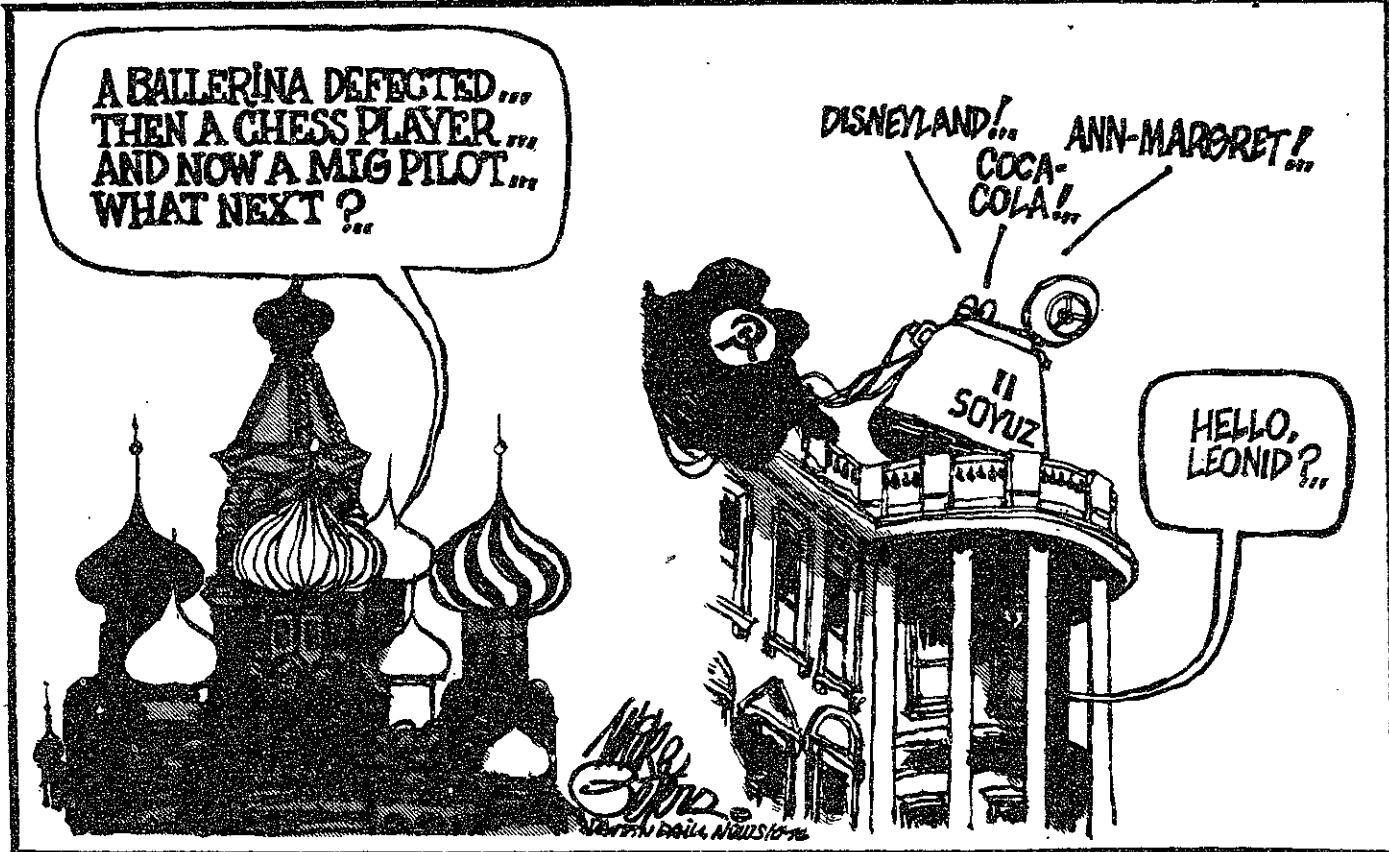
What about "tailgate parties" in the Kresge parking lot at noon and after the game every week? Think of alumni wearing raccoon coats and waving "Technology" pennants, or, on Homecoming Day, sitting in pride as the Ugliest Man on Campus (UMOC) rides into the stadium on a chariot, wearing the "Homecoming Queen" crown. Recent alumni would get their first look at a real MIT beanie, as well as friends from earlier classes.

And the game itself, well, coaches would have the most advanced technical equipment, as well as jamming devices for the opponent.

It'd be costly, sure. We'd lose a lot of our intramurals, and cut back others, but we'd have school spirit and pride, as well as admission charges to all MIT events. Where's the Institute's recognition as a national athletic power? We have more teams than anyone else does, but ABC never mentions us on the football telecasts (except maybe a cutesy "Guess who has the most varsity teams?").

We probably wouldn't have as good an academic program as we do now (if you believe a story in the Georgia Tech paper last year that attributed that university's decline to its football program — 40 or 50 years ago, Georgia Tech was one of the top five or ten engineering schools in the nation).

Yet we must make some sacrifices. After all, what's more important: having a high participation, high enjoyment, lower key, but still successful sports program with 30 varsity teams and 700 intramural teams in 20 sports, or being a football power? You figure it out.



feedback

LSC 'monopoly' aids service

To the Editor:

This letter is being written in response to the letter by Frederick M. Rust '77 which appeared in last Friday's *The Tech* (9/17/76) and in general to try to clarify LSC's position, as I see it, *vis a vis* SACC (the Social Action Coordinating Committee).

I can easily understand how anyone who did not attend the ASA hearing might share the opinions of Mr. Rust. The reporting by the campus media of the arguments made by LSC and SACC has been very shallow. Also, in a fight between a David and a Goliath, it is only human nature to side with "the little guy." But I think that the decision reached unanimously by the five ASA Executive Committee members shows that LSC's position is quite sound.

Mr. Rust made two erroneous statements concerning film industry practices and "monopoly." He claimed that LSC could buy exclusive showing rights to a film from the distributors. This is completely untrue and shows how little Mr. Rust knows about this subject. LSC is in a class of film users known as "non-theatrical." Exclusive showing rights are only available in the "theatrical" market (real film theaters). Being non-theatrical has many disadvantages: 1) films are only available when no local theater is interested in them, 2) the distributors take advantage of the fact that we are tax-free, etc., by charging outrageous prices (many times what a theater would pay) and 3) no off-campus advertising is allowed and ID's must be checked. LSC has looked seriously into becoming "theatrical," but there appear to be too many legal problems.

Mr. Rust also claimed that it was illegal in this country to "stifle all competition in a commercial venture." This is not exactly true. There are a large number of government-created and government-regulated monopolies — the utilities. Even in this "free-market economy, people have realized that in some instances the wastefulness of competition outweighs the many merits (imagine five electric utilities serving the same area with separate distribution systems).

In 1965, the popularly-elected student government of MIT (Inscomm or Institute Committee), effectively gave LSC the exclusive right to show "entertainment" films. The reasons which led them to this decision are still valid. At the time, several other film series

were being run by dormitories and other student activities. These other series were breaking even or losing money, and were cutting into LSC's attendance significantly, causing us to have to decrease our lecture budget.

This year, Finboard (the Undergraduate Association Finance Board) cut off funding to SACC due to its illegal use of such money to publicize the campaign of Phil Moore for UAP (Undergraduate Association President) (*n.b.* LSC has received no Finboard funding since 1963 — we are completely self-supporting). In order to raise funds, SACC decided to start a film program, ostensibly to show films which were politically, intellectually, or socially stimulating.

LSC's objections to the SACC film program are: 1) 10 of the 13 films being shown by SACC have been shown by LSC in the past 2-3 years, and most of those were likely to have been shown by LSC within a year, and 2) there is a very limited audience size and a limited number of good recent films — if we must share these with another group (or several other groups — there would be no stopping several other series from starting), the money coming in would not fund any "important functions within MIT," it would all be going to the film companies

and assorted overhead costs. (This assumes the market is saturated — from experience we know it is.)

Not only the question of profit for lectures is at stake. LSC profits have also been going toward technical improvements. Much of the current projection equipment, lenses, sound systems, etc., which LSC uses have been paid for by LSC. We're one of very few "non-theatrical" groups in the country which shows films in 35mm format (rather than the inferior 16mm format). The overall quality of our service to the community has depended on our "monopoly." Dividing the film market will result in a decrease in quality of the films shown, and in the quality of the way they are shown. In order to economize, LSC's program will become quite similar to SACC's — we will be showing even cheaper films without the proper equipment. That is how film series are run at most universities, even ones many times the size of MIT.

In a nutshell, the question is: should movie profits be invested in better films, better equipment, and in lectures, or should the money be spent on showing the same films more often?

It's up to you.
Michael Dornbrook '76
Publicity Director, LSC
September 22, 1976

BSU: frat involvement

(A copy of this letter was received by *The Tech*.)

This is an official statement of the Massachusetts Institute of Technology Black Students' Union (MITBSU) policy regarding Black undergraduate student fraternity involvement. Recently it has come to our attention that once again a false rumor has been circulated among participants of Residence-Orientation Week. The rumor implies that the BSU blocks, restricts, or discourages black students from selecting MIT fraternities as a viable living group. This is and has been for at least four years, a completely prefabricated excuse for the ignorance or lack of ability of fraternity house members to consider black freshpeople as prospective members when they express interest in a particular frat.

On the other hand, we make no claim that all or even a majority of black freshpeople have or will ever seriously consider frats as a more attractive alternative than dormitories. However, it is wrong

and unfair for fraternity Rush chairmen to assume that all black freshpeople who attend rush activities of frats are uninterested and it is equally ridiculous to use a rumor that is close to being ten years old as a guideline for issuing bids, when the chairpeople of the BSU have been and will continue to be available for any clarification.

It is immediately obvious once again that the BSU has been held responsible for the personal opinions and/or actions of black undergraduates on campus, whether they are members or not. *All Black students are not members and are not necessarily interested in the BSU, particularly freshpeople.* Clearly, this is wrong, and is another example of an ignorant and unjustifiable assumption.

John L. Bradberry '77
Co-Chairperson
Glenn M. Simpson '78
Co-Chairperson
Reginald Van Lee '79
Secretary
September 6, 1976

The Tech

Julia A. Malakie '77 — Chairperson
Glenn R. Brownstein '77 — Editor-in-Chief
Mark J. Munkacsy '78 — Managing Editor
John M. Sallay '78 — Business Manager

Volume 96, Number 32
Friday, September 24, 1976

NEWS DEPARTMENT

News Editor: Gerald Radack '77; Associate News Editor: James Eisen '77; Staff: Jeanne Brady '78, Peter Coffee '79, Henry Fiorentini '79, Chuck Humphrey '79, Scott MacFarlan '79, Eileen Mannix '79, Daniel Nathan '79, Rich Newcome '79, Nivin Pei '79, Tina Krontriris; Staff Candidates: Paul Yen '78, Katy Gropp '80, David Krowitz '80, Kent Pitman '80, Pat Thompson '80.

PRODUCTION DEPARTMENT

Night Editors: David Thompson '78, Rebecca Waring '79; Production Manager: Lynn Yamada '78; Associate Night Editor: Kevin Wiggers '79; Staff: Bill Pritchard '78, John Guppy '79; Staff Candidates: Albert Galick '80, Brad Miller '80, Barry Newman '80, Jay Petersen '80.

PHOTOGRAPHY DEPARTMENT

Photo Editors: Tom Klimowicz '77, David Schaller '78; Associate Photo Editors: Mark James '78, Richard Reihl '78; Staff: Mike Garcia '78, Rob Mitchell '78, A. David Boccuti '79, Corey Chaplin '79, Randy Fahey '79, Gordon Haff '79, John Hopper '79, Lee Lindquist '79, Dave Martin '79; Staff Candidate: Claude Perry '80.

SPORTS DEPARTMENT

Sports Editor: Deborah August '79; Staff: Jay Morris '76, Dave Dobos '77, Chris Donnelly '77, Charles Cox '79.

BUSINESS DEPARTMENT

Acting Advertising Manager: Martin Weinstock '78; Associate Business Managers: Steve Kirsch '78, Margot Tsakonias '79; Accounts Receivable: Marcia Grabow '79, Brenda Hambleton '79; Accounts Payable: Jeff Singer '77; Advertising Staff: Peter Balbus '79, Thomas Athanasas '77; Circulation Manager: Ron Parton '79; Circulation Staff: Brian Rehrig '75, Jim Large '80, John Love '80;

CONTRIBUTING EDITORS

Paul Schindler '74, John Hanzel '76, Thomas Mayer, Leonard H. Tower Jr.

Third Class postage paid at Boston, MA. *The Tech* is published twice a week during the academic year (except during MIT vacations) and once during the last week of July. Please send all correspondence to: P.O. Box 29, MIT Branch, Cambridge, MA 02139. Offices at Room W20-483, 84 Massachusetts Avenue, Cambridge, MA. Telephone: (617) 253-1541. Advertising and subscription rates available on request.

Speaker advocates bottle bill

By Paul Yen

A concerted effort will be needed to overcome bottle manufacturers' opposition to the Massachusetts Bottle Bill, a consumer advocate stressed in a talk this week.

"Manufacturers from all over the country have already poured half a million dollars into Massachusetts to defeat the bill which would require every beverage container, including flip-top cans, to have a refund value of at least five cents," consumer advocate Norman Stein said.

At a meeting of the local Sierra Club, Stein urged its members to vote "yes" on question six of the November ballot.

Stein, who is associated with the Massachusetts Public Interest Research Group (PIRG), stated that the Can Manufacturers Institute, Anheuser-Busch, Pepsi-Cola of New York, and the Glass Container Corporation of California have all contributed money to defeat the bill.

"In all, 39 corporations were listed as giving money to defeat the bottle question," Stein said.



Norman Stein.

"The use of throwaway containers escalated 488 per cent from 1955 to 1973 and now amounts to some 60 billion bottles and cans per year," Stein said.

"This, besides being unnecessary waste of materials, also poses great hazards to the environment," Stein added.

"Massachusetts spends \$3.5 million each year just on the

clean-up and these are passed on to the consumer through taxes," he said.

A study by the Federal Reserve Bank of Boston indicated the passage of the bill would cause a net gain of 187 to 1380 jobs in Massachusetts as well as decreasing the price of beverage slightly, according to Stein.

"It would also reverse the centralization of the beer industry, making local breweries more competitive with respect to the giants," Stein added.

Stein stated that "In Oregon and Vermont where similar proposals have been passed, total litter has declined 35 per cent." "Energy savings are also effected," he added. "For example, in Oregon, 1400 billion BTUs were saved, with a value of \$2.8 million."

Stein noted that "energy equivalent to about four ounces of gasoline is needed to make each container."

"A recent nation-wide survey showed 73 per cent in favor and only 15 per cent against the bill," Stein concluded, "meaning that the nation is ready for a change from this throwaway tradition."

classified advertising

MULBERRY TYPING STUDIO

864-6693
10C Mt. Auburn Street, Cambridge, MA (in the Real Paper Office Bldg.) Technical typing, theses, resumes, reports — and just plain typing, too! Editing/Proofreading; Transcribing; Foreign language typing and translation. Trust your words to us!

House for rent. Arlington Hts. Beautiful, neat 6 1/2 rms., fireplace, livingroom, diningroom, kitchen, den, 3 bedrooms, 2 full baths, 2 car garage. Utilities not included. \$395 mo. Call 547-6299 after 4:30pm.

For Sale: 1" uncoiled paper tape, 50/roll. Labeling attachment with supply of gummed tapes for Pitney Bowes DM-3 Postage Meter \$5. Air Mattress \$10. **Wanted:** 1 or 7/8" oiled paper tape.

Aiming for an MBA?
Need to beef up your application? We run a multi-cost center operation with a real-world accounting system. And you'll earn some \$\$\$ while you're learning and handling solid responsibility. Contact Len or John, x3-1541.

The Tech Classified Ads Work! \$3.00 per 35 words (or less) the first time. \$2.25 each time after that, if ordered at the same time. Just send your ad with payment to *The Tech*, W20-483 or PO Box 29, MIT Branch, Cambridge, MA 02139 by US Mail.

Men's 10 speed Bike. Damaged frame. Can be repaired. Best offer, x5-7262 eves.

Canon FD lens 28mm 1/3.5. Mint condition. Asking \$80. Call 739-1883 from 4 to 8pm. Ask for Missy.

Help Wanted, casual wiring small electronic circuit boards. Call Les, 277-4358

university stationery company

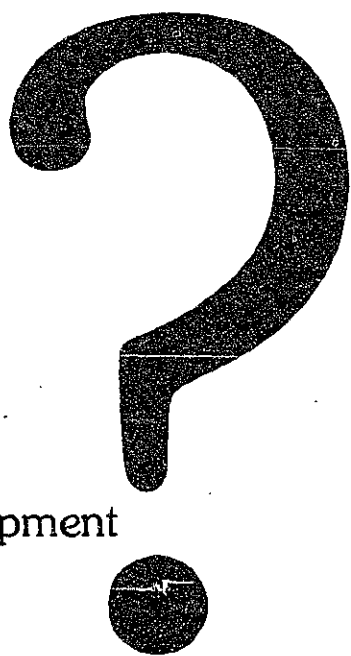
311 Massachusetts Ave.
Cambridge, Mass.

OFFERS 10% DISCOUNT*
on
School & Office Supplies

*College ID Required
Minimum purchase \$5.00

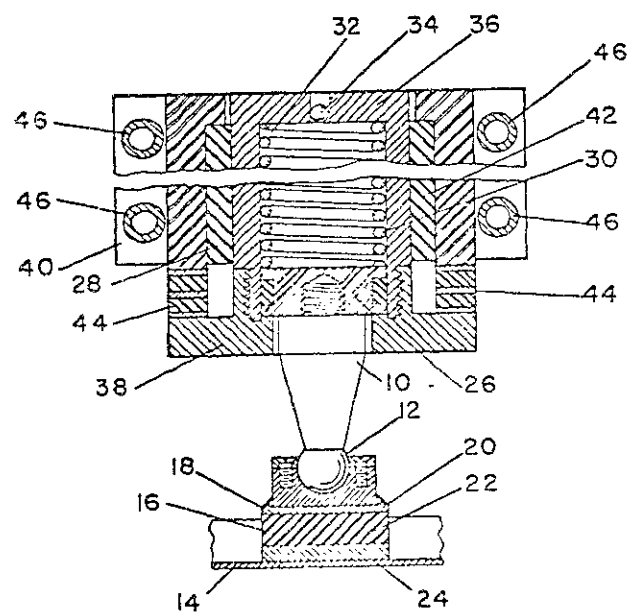
women are you interested in:

- communications
- computer science
- cryptology
- engineering
- intelligence
- oceanography
- operations analysis
- research and development
- mathematics
- legal affairs



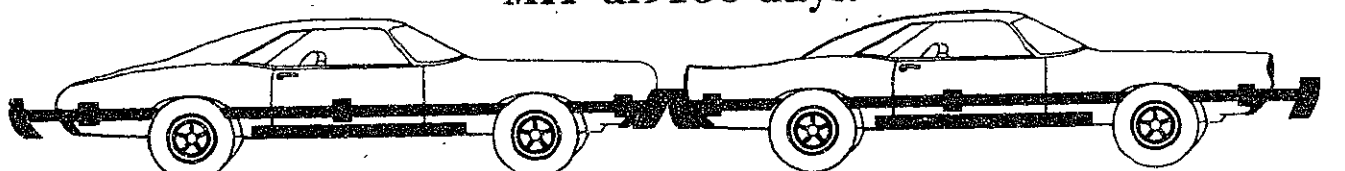
if you are, naval rotc is interested in you. drop by our office, room 20e-125 or call us at x3-2991.

MIT Seniors in Mechanical Engineering



to help build new 60mph impact bumper for automobiles to be tested in June of 1977.

Contact John Wenckus
899-3464 nites, or
MIT dl9166 days.



Service, not service charges.

Good service isn't something you should have to pay for. So when you buy car, apartment, or any insurance from us, there's no service charge tacked on. And we'll only sell you what you need.

W. T. Phelan & Co.

Insurance Agency Inc. Since 1898
11 Dunster St., Harvard Square (next to the Holyoke Center)
876-0876. Representing Aetna, Travelers, Hartford.

Third world needs knowledge

By Stephen P. Utkus

To treat transfer of technology to underdeveloped countries purely as an administrative or an engineering problem is disastrous for the countries, Larry D. Spense, Assistant Professor of Political Science at Pennsylvania State University told an audience at a Technology Studies Seminar Wednesday.

Spense, self-described as a "suspicious gadgeteer," said that a new discipline, "politics of technology," is needed, emphasizing not only the expertise of Western industries but also the limitations of the Third World to absorb inherently Western institutions.

The technological fix, the belief that solutions to all the world problems are technological, is what renders Western technology so impotent in dealing with the Third World, Spense asserted. In societies already racked by political instability, he continued, the importation of Western technology more often than not introduces a sort of unstable change with which the Third World can hardly cope.

Spense uses the word "technicism" to denote the presupposition that Western technological solutions are the only tenable solutions for a diverse world's problems. The advocates of technicism propose that the Third World directly import Western manufacturing products, processes, or institutions, rather than apply Western knowledge in innovative ways. This, claims Spense, is the West's "neocolonialism": restraining the development of alternative productive technologies by the exportation of technology, not knowledge.

In essence, the "psycho-social assumptions of capital" are the crux of the conflict according to Spense. The West exports capital-intensive technology to underdeveloped nations whose economic foundation, to be self-sustaining, must be labor-intensive. Consequently, Spense said, Brazil imports a modern hospital and medical school, and its newly-trained doctors leave the country to practice medicine abroad. And so in Venezuela, a certain industrial plant must shut down for weeks because parts and technicians are unobtainable.

Before the Industrial Revolution, two types of technological activities were preponderant, according to Spense. The first, the "craft tradition," developed labor-saving, craft-oriented machinery, under the belief that the inherent worth of every individual necessitated a reduction in worker monotony. According to Spense, this technology manifested itself politically as egalitarianism, democracy, and a philosophy of work-as-an-end-in-itself and job satisfaction.

Meantime, capital-intensive industries, lumped by Spense under the term "commerce," emphasized the use of the least-skilled and lowest-cost labor, and the investment of enormous

amounts of capital.

The commercial form of technology was sustained by the craftsmen, whose talents were essential to the design of factories and the maintenance of machinery. These technicians, the predecessors of contemporary engineers and managers, adopted the "engineers' viewpoint": that any ill social effects of massive industrial production were temporary, and soon to be relieved by a projected "technological fix."

The West must alter its perception of the transfer of technology, Spense said, since the Third World is underdeveloped not because it is mal-administered or lacks modern industrial plants, but because its relative dearth of knowledge has restrained endemic technological innovation and contributed to economic stagnation.

ARABIC TRANSLATORS

Experienced in engineering, communications and contractual terminology.

Send details to:
P.O. Box 54
Cambridge, Mass. 02138

YOUR BEST BET

FOR ALL
STATIONERY, SCHOOL
and ART SUPPLIES

ALSO NEW ENGLAND'S LARGEST
BOOK, RECORD, AND ART
PRINT CENTERS

the
Coop

M.I.T. STUDENT CENTER

The New York Times Book Review

AUGUST 23, 1976

By THEODORE SOLOTAROFF

Stanislaw Lem is a Polish writer of science fiction in both traditional and original modes. Seven of his books have been published here since 1970, mostly by The Seabury Press, in small printings, and his reputation has been slow in developing. Elsewhere in the world his books sell in the millions, and he is regarded as a giant not only of science fiction but also of Eastern European literature—as well he should be. Lem is both a polymath and a virtuoso storyteller and stylist. Put them together and they add up to genius.

Lem's marriage of imagination and science creates various intricate worlds. Some are just around an indeterminate corner from our every-



A master of science fiction—and more

"Chance"; and "Getting into Orbit," studies of Dostoyevsky, Camus and futurology, among other books. Meanwhile, he has been steadily producing fiction that follows the arcs and depths of his learning and a bewildering labyrinth of moods and attitudes. Like his protagonists, Lemers virtually to a man, his fiction seems at a distance from the daily cares and passions, and conveys the sense of a mind hovering above the boundaries of the human condition: now mordant, now droll, now arcane, now folksy, now skeptical, now haunted and always paradoxical. Yet his imagination is so powerful and pure that no matter what world he creates it is immediately convincing because of its concreteness and plenitude, the intimacy and authority with which it is occupied.

"SCI-FI JEWEL"
...wondrously beautiful astonishing masterpiece...dazzling imaginative work of the highest order...awesome production values and special effects that bear comparison

to those of "2001"
...mind-boggling secret!
"Solaris" is finally, an unabashedly romantic work in which the primacy of love is asserted

KEVIN THOMAS
LOS ANGELES TIMES

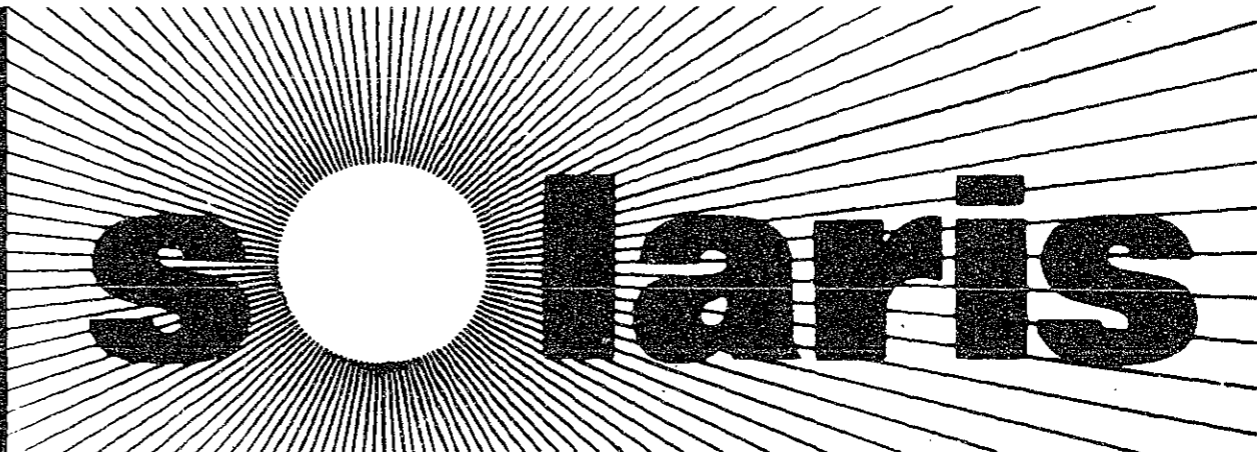
...of the greatest artistic and human significance...Like the greatest art, it poses implicative and abiding questions and suggests that posing them is all the answer we need.

RICHARD DYER/BOSTON GLOBE

"A dazzling space film"
...unlike any we have seen before..Tarkovsky's poetic imagination is boundless...a fascinating and inventive work...rich in it's humanity and insight.

JEANNE MILLER/S F EXAMINER

WINNER OF GRAND JURY/CANNES FILM FESTIVAL AWARD



a SCI/FI PICTURES CO. / MAGNA DISTRIBUTING

directed by/ANDREI TARKOVSKI

FROM THE NOVEL BY STANISLAW LEM

EXCLUSIVE ENGAGEMENT!

A WALTER READE THEATRE

charles cinema

195 CAMBRIDGE ST. BASE OF BEACON HILL, BOSTON
CHARLES ST. MBTA PARKING AVAIL.

227-2727

SHOWN AT

2:30, 4:50, 7:20, 9:45

Boston Symphony Open Rehearsal

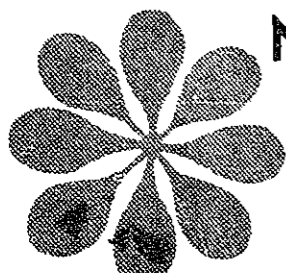


Wednesday
October 6 at 7:30 pm
Seiji Ozawa
Conductor
Andre-Michel Schub
pianist

works to be rehearsed:
ALL BEETHOVEN
'Prometheus' Overture
Piano Concerto No. 5
'Emperor'
Symphony No. 7

Michael Steinberg,
Director of Publications of the Boston Symphony Orchestra, will host an informal discussion period beginning at about 6:50 pm in the Cabot-Cahners Room at Symphony Hall. So come early.
All seats unreserved at \$3.00
All proceeds benefit the Orchestra's Pension Fund.

Note!



Birth defects are forever. Unless you help.

MARCH OF DIMES

THIS SPACE CONTRIBUTED BY MTC PUBLISHER

Review

The Front not Happy Days

By Katy Gropp

The Front, starring Woody Allen, Zero Mostel, Herschal Bernardi and Andrea Marcovici; directed and produced by Martin Ritt; written by Dave Grushin.

The persecution of innocent citizens for alleged Communist sympathies by Sen. Joseph McCarthy and the House Un-American Activities Committee remains one of the country's darkest hours.

Scientists were discredited and civil servants forced from the government for supposed support of Communist causes. Entertainers, actors and writers were blacklisted and denied work by timid studios and networks for their alleged radicalism. *The Front*, starring Woody Allen and Zero Mostel, successfully portrays the effects of this witchhunting.

From the opening credits, black and white shots of the opulence being produced and consumed here, interspersed with scenes from the Korean War front, accompanied by Frank Sinatra singing, *The Front* catches the mood of the early fifties.

As the movie opens, Howard Prince (Woody Allen), a bar cashier and inept bookmaker, is reunited with an old friend, a blacklisted television writer who wants Howard to front for him at studios so he can continue working. Needing the money to cover bookmaking losses, Howard accepts.

The scripts are sold to a dramatic series and Howard becomes an instant celebrity.

Meanwhile, the network is paying a ruthless anti-communist organization to investigate its employees. Howard's instant success arouses the suspicions of the agency's director, Hennessey (Remak Ramsey). In the course of his investigations Hennessey discovers Howard's erstwhile bookmaking operations which are used to try to force him to cooperate with the HUAC sub-committee.

Hennessey is also pursuing the series narrator, Hecky Brown



(Zero Mostel), for marching in a "Communist sympathizers" parade in the Thirties. Brown is fired and forced to spy on Howard to rehabilitate himself. The series' assistant producer, Florence Barrett (Andrea Marcovici), with whom Howard has been having an affair, quits over Hecky's firing and leaves Howard after he refuses to write an anti-blacklisting pamphlet.

The acting and characterizations support the theme of the movie very well. Both are carefully developed and of high quality.

Howard Prince, the bar cashier turned celebrity writer, develops into a quietly heroic martyr from a shallow, arrogant star and insecure, lower class loser. Hecky Brown's systematic destruction at the hands of the witchhunters, while nearly inevitable, is sobering. Florence Barrett's transformation from loving the man is convincing. The falls of both Hecky Brown and Howard Prince, the ultimate loser and ultimate hero, illustrate the destructive mood of the time.

The cinematography was very well done, especially the use of black and white photography at

the beginning to set the tone of the film. The symbols surrounding both Hecky Brown's suicide and Howard Prince's conversion to liberal hero are moving.

The Front is a well balanced, well-produced film with a strong statement that cannot be ignored.

FOREIGN LANGUAGES TRANSLATION

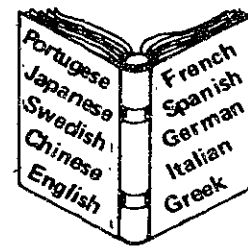
Translators in all languages for part-time on call work.

Send details to:
P.O. Box 54
Cambridge, Mass. 02138

OSAKA
JAPANESE FOOD
Prepared, cooked and served on your grill table
Cocktail Lounge
Ample Parking
Open on Monday
617 Concord Ave.
Cambridge, Mass.
Tel. 491-6600

Los grupos mas pequeños en la ciudad.

The smallest groups in town, in Spanish—and many other languages.



Academia offers the smallest conversational languages classes in Boston — only 3 to 5 people per class. That means more contact with your instructor. Private instruction is available for intensive language training. Traveling with a friend? Ask about the "two for the price of one" private instruction. Call 354-6110

ACADEMIA

FOAM RUBBER

AND POLYURETHANE FOAM & DACRON

FOR EVERY PURPOSE

CUT TO ANY SIZE & SHAPE AT NO EXTRA CHARGE

DISCOUNT PRICES

MATTRESSES - CUSHIONS - BOLSTERS

PILLOWS - PADS - SHREDDED

IMPORTED DANISH DESIGN FURNITURE

& Cover Replacements

Made To Order In Vinyls & Upholstery Fabrics

FOAM RUBBER DISCOUNT CENTER

Telephone

165 Brighton Ave.

254-4819

Allston

STORE HOURS: DAILY 9 A.M. TO 6 P.M. SAT. TO 5 P.M.

Itek showed the color of the Martian sky

The whole world was captivated by the color pictures of Mars which the Viking Lander sent back to earth. It's one of the greatest feats of the space age. To the people at Itek, it's another job well done.

The startling pictures were taken by the Viking cameras and reconstructed on earth using sophisticated three color laser printers. This equipment was designed and produced at Itek's Optical Systems Division. We're proud of our participation in this historic event.

We are now in the process of expanding our capabilities in Electro-Optics Technology and have the following position available.

Electro-Optical Scientist

(Artificial Intelligence/Pattern Recognition)

We are currently seeking an individual with a Master's degree, Ph.D. or the equivalent experience in the area of artificial intelligence or pattern recognition. You'll be responsible for the development of higher level recognition software for our image processing package. This fundamental research position requires an independent, intelligent, highly motivated scientist.

Join Our History-Making Team...
Choose Itek!

For an appointment, direct your resume including salary requirements to R. Finnegan.

Itek Optical Systems
A Division of Itek Corporation
10 Maguire Road, Lexington, Massachusetts 02173

An Equal Opportunity Employer M/F

Whatever sign you are, we've got good news for you!

Special low college rates for campus delivery of The New York Times

Keeps you in touch with everything that influences life on our planet

Contact

J. ADRIAN ALCALA
PHONE: 253-1000, X56677

BOX 182

CAMBRIDGE, MASSACHUSETTS 02141

or mail this coupon

Rates are 40% below the regular newsstand price.

Delivered to my dorm or Institute office.

Pick-up at newsstand in lobby of Building No. 7.

<input type="checkbox"/> Weekdays (Mon-Fri)	\$ 8.85	<input type="checkbox"/> Fall Term	\$2.70	<input type="checkbox"/> Full Year	\$22.05
<input type="checkbox"/> Weekdays (Mon-Sat)	10.50	<input type="checkbox"/> IAP	3.15		26.10
<input type="checkbox"/> Weekdays and Sundays	20.50		6.15		51.10
<input type="checkbox"/> Sundays only	10.00		3.00		25.00

Please enclose payment and make checks payable to: J. ADRIAN ALCALA. Delivery begins Wednesday, September 22nd through Saturday, December 18th. No delivery during extended vacation periods.

Name _____ Phone _____

Address _____

ORDERS RECEIVED AFTER START DATE WILL BE PRORATED.

DO YOU SUFFER FROM 8-DIGIT MANTISSA?

If you suffer from the limited accuracy of eight digits in your calculator readout and yearn for more, here's fast relief.

The 4660 from National Semiconductor.

It has a 10-digit mantissa plus 2-digit exponent. Not to mention other dynamite stuff like three

separate addressable accumulating memories, algebraic logic and scientific or engineering notation.

And our cure is very reasonable. Suggested retail price at the Harvard Coop is under \$85.

Suffer no more.

National Semiconductor

sports

Soccer crushes Clark

By John Hengeveld

The MIT varsity soccer team opened its season last Wednesday with an impressive win over Clark University by a score of 7-1. Sophomore Robert Currier scored three goals to pace the team attack.

MIT got on the board first with a goal by Currier at 30:42 of the first half. Freshman Laird Cagan was credited with the assist. Currier tallied again a few moments later to give the Engineers a 2-0 lead at the half. A strong defense led by team captain Frieder Krups '77 and fullback Dave Fett '77 allowed a total of only two Clark shots on goal in the first half.

Cagan got MIT off and running in the second half with an unassisted goal at 5:17, giving him a total of one goal and two assists in his first game for MIT. Coach Walter Alessi said, "Laird is the

most pleasant surprise of the season."

Alex Ilori '79 added his foot to the act with a goal at 10:37 of the second half, and Currier completed his "hat trick" at 19:29 with a brilliant unassisted goal. Jan Krakauer '77 and Phil Macneil '79 also tallied for MIT.

Overall, the Engineers outshot their opponents 26-9. Coach Alessi said that the entire team did an exceptional job both offensively and defensively: "Everyone that went in the game did their job. If we get that kind of team effort, the season will be very bright."

The big test of the season will be tomorrow's match against Division III national champion Babson. Babson is currently ranked number one in small college soccer, but Alessi believes that with a good effort MIT will be in the game all the way. Kickoff is at 2 pm at Briggs Field.



sporting notices

There will be an IM Council meeting on Sunday, Sept. 26, at 7pm in the Varsity Club Lounge. Elections will be held for the managers of intramural pool, chess, and weightlifting. All IM managers and athletic chairmen are urged to attend.

W sailors open season; place well in NE regatta

By Chris Donnelly

The women's sailing team opened its season with a fine performance in the New England Singlehanded Championships last weekend. Sailing in home waters, Barbara Belt '77 led the team with an impressive second place in a field of 37 sailors. Sally Husted '78 was also among the leaders, placing fifth overall.

Belt was in the running for first place throughout the finals, holding a narrow lead after five races. In the final two races, however, Dierdorff of Tufts overcame a deficit to take the championship. Other finalists from MIT were Diana Healy '78 (11th), Allana Connors '78 (13th), and Barbara Biber '79 (16th). Coach Stu Nelson was pleased with the

team's performance, MIT having more finalists than any other school.

The men's team won a Lark Invitational at Tufts last Saturday. The format for the regatta was slightly different — a freshman division was sailed in addition to the normal two varsity divisions. Chris Berg '77 and crew Martin Prince '80 topped A-Division on the strength of three firsts in five races. Freshman John York with crew David Nelson was low point skipper in his division, taking five second places. In B-Division, Bruce Gage '79 with crew Rod Wheatley '80 took second place. The three-division combination earned the sailors first place over rival Tufts and four other schools.

Tennis smashes Clark, 7-2

By Gary S. Engelson

The MIT men's varsity tennis season got under way Tuesday with a win over Clark University. A new, stronger Engineer squad stepped onto the courts to bring in a 7-2 victory.

Until Tuesday, the tennis team appeared to be in for a difficult year, but MIT showed the benefits of experience. Last year's team was unable to defeat Clark, but the experience gained enabled the Engineers to win this year. Coach Ed Crocker asserts that "we should have a better season" because of the increasing strength of

such players as Reid Sheftall '78 and Neal Rockowitz '78.

Both Sheftall and Rockowitz beat their opponents by wide margins. Sheftall, playing fifth singles, won in straight sets, 6-0, 6-1, while Rockowitz, in the second singles slot, took his man 6-2, 6-0. Peter Moss '77, playing in the first singles position, did not fare as well. He fought hard, keeping his opponent on the verge of trouble most of the time, especially in the first set, which he finally lost, 7-5. Both players tired visibly before Moss gave up the second set, 6-4.

Moss fared much better when he teamed up for first doubles play with Rockowitz. The pair had trouble coordinating their efforts in the first few games of the first set, but once they settled down to the doubles play, they scored points easily, winning 6-3, 6-0.

The team members hope that their excellent play will win them back the spring training trip south which they used to take every year. If the first match is representative of the coming season, they merit a return to that tradition.

Golfers bow to Northeastern

By Leo Bonnell

(Leo Bonnell '77 is a member of the golf team.)

The MIT golf team's quest for a fourth consecutive winning fall season hit a snag last Monday at the Brae Burn C.C. as the Engineers were soundly beaten by both Northeastern and Merrimack. The score in both matches was 5-2.

It was a frustrating day for the Engineer linkspen, as three of the top four players failed to break 85, a full 13 shots over par on the treacherous Brae Burn layout. Also, several close matches were lost to both opposing teams. Mark Swenson '78, medalist for MIT with an 81, lost a heartbreaker to Northeastern on

the eighteenth hole, when his opponent holed out an approach shot for a birdie three and victory.

Jaime Dornbusch '78 continued his excellent shotmaking with a fine 82. Unfortunately, this was not quite good enough for a match victory, as Dornbusch lost both matches by scant one-hole margins, one being a "sudden death overtime" defeat on the first extra hole.

On the bright side, individual matches were won by Mark Hughes '79 and Leo Bonnell '77

against Northeastern, with scores of 82 and 84, respectively. Winners against Merrimack were Swenson and number one player Mike Varrell '79.

Of special note has been the steady play of Doug Wegner '79. Wegner had an excellent 82 in Monday's junior varsity match, and a 76 in a JV scrimmage last weekend. Coach Jack Barry is expected to move Wegner up to the varsity seven for the Engineers' next match, against Boston University next Tuesday.

Looking for a religious community that works?

Try University Lutheran Church
Winthrop & Dunster St.
Harvard Sq.
Sundays, 11am

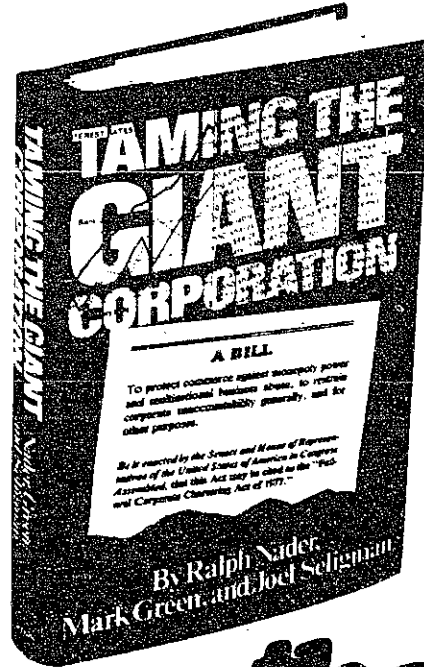
"... essential reading for all those who want to understand what the role of giant business should be in a constitutional democracy."

TAMING THE GIANT CORPORATION

by Ralph Nader, Mark Green and Joel Seligman

The three authors persuasively argue that we need to rethink and redesign corporate law. Five years in the preparation, this book is the culmination of Ralph Nader's series of studies of governmental and business irresponsibility. Other books have described what was wrong with Big Business. This one not only explains in readable detail how our megacorporations abuse their power, but also what we — our government, our citizens — can do about it. It is not a handwringing book, but a solutions book.

NORTON \$10.50 M.I.T. STUDENT CENTER



the Coop

Get a Better Pizza at PIZZA PAD

54 Westland Ave, Boston

We Deliver! Hot!

6PM-2AM Mon-Sat 6PM-12Mid Sun

Finest Pizza in Greater Boston

Watch for our special offers. Save this Number:

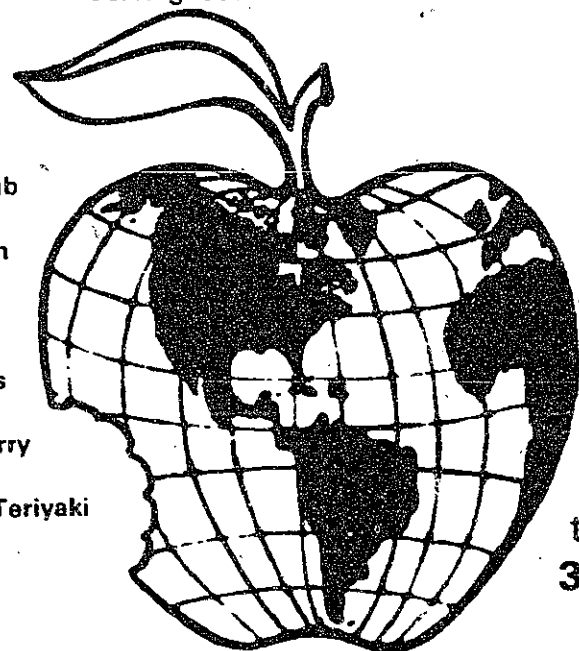
262-2266

HEMISPHERES RESTAURANT

45 1/2 MT. AUBURN STREET IN HARVARD SQ.

Serving food from around the world

Shishkebab
Hawaiian
Chicken
Homos
Onion
Soup
Omelettes
Crepes
Cold Cherry
Soup
Chicken Teriyaki



Outside
Dining
On
Our
Beautiful
Rooftop
Garden

telephone
354-9563

"A Taste of the World"

on
all
meals
over \$2.50

40% OFF

PRESENT THIS COUPON
Good one time, one person

good
only
until
1 oct 1976