

Faculty to discuss CEP plan tomorrow

By Tony Zamparutti

The faculty will discuss tomorrow the Committee on Educational Policy (CEP) recommendations on the freshman year, including a formalized system for hidden freshman grades.

The CEP proposal would take effect immediately upon faculty approval.

"I am not aware of any kind of intense discussion among the faculty" about the proposal, Felix Villars, chairman of the faculty, said. The CEP proposal is "by their view a minor deviation from practice," he added.

The CEP last month recommended a formalized system of hidden grades for all freshmen in the spring term, along with new evaluation forms for the end of fall term. The fall term forms would use a "check-box" system to evaluate freshman performance.

Both the Undergraduate Association General Assembly and the Student Committee on Educational Policy oppose the CEP plan for hidden grades at the end of spring semester. The two bodies recommended the present spring term freshman evaluation form be replaced with a faculty-initiated check-box system.

UA President Kenneth J. Segel '83, who has speaking privileges at faculty meetings, said he will

address Wednesday's meeting.

"As far as I know, in just my day-to-day activities ... I'm not aware of much discussion" among faculty members of the proposal, Physics Professor Margaret MacVicar '65 said.

"My experience in speaking with" professors and department heads in the school of engineering, Ocean Engineering Professor Kim Vandiver '69 said, is they are "in general ... quite critical of pass/fail."

"Even though [the CEP plan is] encroaching on pass/fail, it is probably defending it," Vandiver said, "because a lot of professors want to do away with [pass/fail]."

Both MacVicar and Vandiver are members of the CEP.

"The last time there was a serious proposal to alter pass/fail there was a good deal of student discussion and faculty interaction with students about the proposal," noted Louis Menand III, Special Assistant to the Provost. "I have not heard any discussion from the faculty on the proposal at all."

Mathematics Professor Arthur Mattuck said he had informally discussed the CEP plan with other faculty members. "The people I've spoken to support it and I suppose they'll go and vote for it."

ODSA examines SCC

By Ron Norman

The new \$102,000 Student Center Committee (SCC) budget has fueled debate over budgeting of the group's money and the committee's purpose.

The Office of the Dean for Student Affairs (ODSA) report to the MIT Corporation Visiting Committee on Student Affairs, released last Friday, raised specific questions concerning issues related to the Undergraduate Association (UA).

"Much discussion has revolved around the role of the SCC, the use of its unallocated reserves, its relationship with the UA, and to the Student Center as a program in and of itself," the report states.

Several other questions in the report were raised by SCC in its contribution to the Dean's Office report to the Visiting Committee.

"Is [SCC] a government group or is it simply a group created to

facilitate social programming in a building?" the ODSA report asks.

Another key question raised in the report asks if SCC should be expected to fund events outside the Student Center or if money raised in the Student Center should be used for, "future activities or services in that building only."

Should SCC be encouraged to be more self-sufficient, the report asks, or should a means of distributing surplus funds be found.

Stephen D. Immerman, Assistant Dean for Residence and Campus Activities in ODSA, said the Dean's Office will be looking at the SCC budget.

Immerman explained a method for addressing the problems of the SCC's funds, suggesting that a task force be created to research the duties of the SCC, and that the issues be addressed at the UA's annual spring elections.



Tech Photo by Omar Valerio
This Falafel King truck, along with various other street vendors, has been relocated to another part of campus.

Man stabbed Saturday night outside ATO and Kappa Sigma

By Burt Kaliski

Two men stabbed a photographer, Jeffrey Ferrell, while attempting to rob him on Memorial Drive Saturday night, according to Campus Police (CP) Sergeant Anne P. Glavin.

The men attacked Ferrell near Alpha Tau Omega (ATO) and Kappa Sigma (KS) fraternities.

Ferrell arrived to photograph an ATO event. He told Campus Police and KS members the two men assaulted him as he was leaving his car and they demanded his cameras.

One man had a switchblade. Ferrell said he knew some self-

fense methods, according to Kenneth L. Moll '85 of KS, but had been taught how to disarm a man with a weapon in his right hand. The assailant held the switchblade in his left hand, Moll continued, and when Ferrell resisted, he was stabbed.

Moll said he heard, shortly before 9 pm, a man scream and saw two tall men, one on a bicycle, and Ferrell standing on Memorial Drive outside Kappa Sigma.

The victim ran toward Burton House shouting for help, Moll continued, then ran back toward Kappa Sigma.

The assailants fled east on Memorial Drive, he said. He and two other KS members brought Ferrell into the house.

Moll said Ferrell had a severe hand wound and had been stabbed in the side. Another KS member called the Campus Police while Moll attempted to administer first aid to Ferrell.

None of the equipment was taken. Neither he nor other witnesses would be able to identify the suspects, Moll said.

An ambulance took Ferrell to Massachusetts General Hospital, where he was put under respiratory intensive care, Glavin said.

Slaughter addresses blacks

By Will Doherty

The Tenth Annual MIT Black Students' Conference on Science and Technology hosted hundreds of prominent blacks from a variety of fields in science and engineering, Friday and Saturday.

Participants in the conference included students, faculty, staff, alumni and prominent black leaders, like Dr. John B. Slaughter, Director of the National Science Foundation.

Slaughter, the first black Director of the National Science Foundation, was the conference's keynote speaker. He addressed two major themes: tapping unused human resources and combatting serious education problems in science and technology.

Stressing that "minorities are a part of the pool of human resources that have not seized the opportunities that are available to them," Slaughter seemed optimistic for the future. "For well-educated women and minorities, job prospects are continuing to improve."

Minorities accounted for only four percent of the entire workforce, six percent of the bachelor's degrees, four percent of the graduate degrees and less than two percent of the doctorates in science and engineering, Slaughter quoted an NSF report.

In 1978, women occupied less than 10 percent of the jobs available in science and engineering, Slaughter said. "The higher the

education level, the higher the dropout rate," he lamented.

Dr. Slaughter advised students at the dinner to continue their education beyond a bachelor's degree because "we're going to need all the minority graduates we can get to fill those places."

Slaughter concluded his remarks by affirming, "Yes, there is a place for the black experience in science and technology."

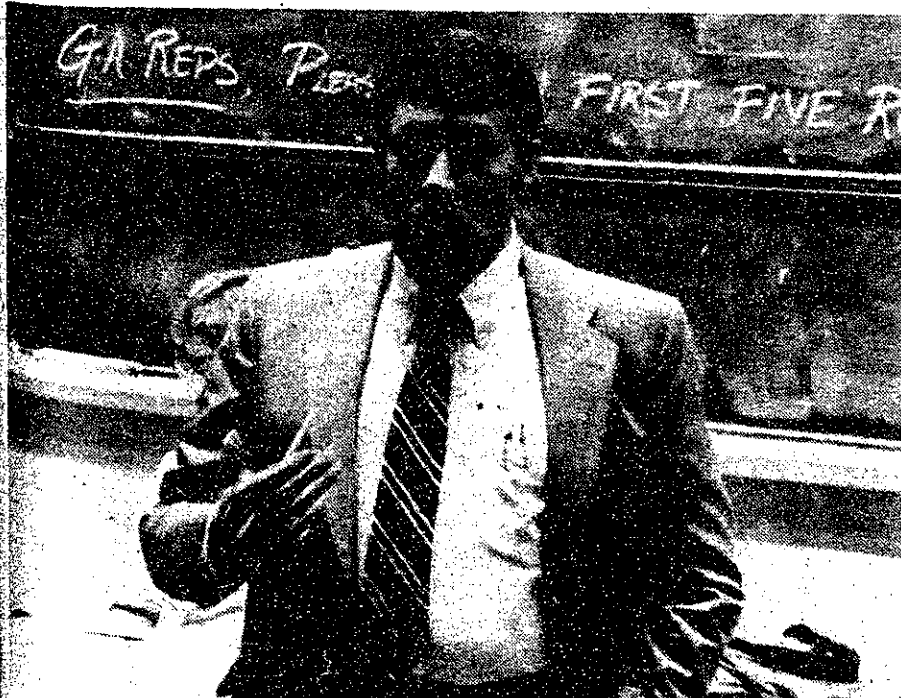
John B. Turner, Associate Dean of the Graduate School, pointed out that 14 years ago a black undergraduate could "walk for miles before finding a person of color" on the MIT campus. He was quick to admit, however, "We've come a long way since 1967."

Turner expressed concern that "MIT is not immune from Federal cutbacks, especially for those of us who are of color." Throughout the conference, participants seemed anxious about economic statistics, like the 20 percent unemployment rate among blacks nationwide.

Between 1865 and 1974, MIT awarded 12 PhD degrees to black students. In the eight years since 1974, the Institute conferred 55 PhD degrees on blacks.

The Institute now has 19 black faculty members and 26 black staff administrators, including nine with tenure. MIT has one female black faculty member, a

(Please turn to page 2)



Tech Photo by Laurie Goldman

Stephen Immerman, Assistant Dean for Residence and Campus Activities.

inside

Professor Marvin Minsky tells us what artificial intelligence is all about.
Page 6.

More than 100 rooms in the dormitory system are overcrowded. For details see page 6.

The magic of the Steve Miller band is on page 7.

Women's soccer has begun. For details see page 12.

MIT football team loses homecoming game. Badly. Page 12

MIT hosts conference

(Continued from page 1)

black physician and a black psychologist.

Dr. Ray Hammond, a doctoral student in medical ethics at Harvard University, speaking at the Saturday luncheon, explained that the gains of blacks in institutions like MIT were a result of what he called "a tidal wave that opened up the doors of educational opportunity."

Hammond traced the development of this tidal wave through the black American struggle for change to the present day. Present-day sexism and racism are "hurdles that we can leap rather than mountains we cannot scale," he said.

Hammond urged the black community to be aware and make sure others are aware of successes and failures in opening educational and corporate institutions to minorities and encouraged black students to become "actors, not merely puppets, in the institutional environment."

The conference opened Friday in the Sala de Puerto Rico with a career showcase providing black MIT students a chance to speak with personnel representatives from two dozen corporations.

On Saturday, there was a plenary session, a luncheon and a workshop session. To round out the program, Roberta Flack appeared in concert at Kresge Auditorium.

The Black Alumni of MIT, a nationwide organization chartered in 1979, participated in the weekend conference, which included a reception for black alumni and the group's third annual meeting.

Dean Mary A. Hope, at a loss for words, received a standing ovation recognizing 10 years of effort organizing the conferences.

notes

Announcements

Seniors who wish to apply for graduate work in the Department of Electrical Engineering and Computer Science during 1983 are urged to apply by November 1, 1982. Applications can be found in rooms 38-444 and 3-103.

* * * * *

Freshman Evaluation Forms should be given to instructors by Friday, October 22. The Instructor turn-in deadline is Wednesday, October 27.

Julio's Pizza

101 Magazine St.
Cambridge
tel. 491-4124

Tues - Sat
10:30 - 9:00pm

**Special - fresh salami sub
exclusively at Julio's**
\$3.75/50c off with this ad

Headquarters

- * BOOTS
- * PARKAS
- * PEACOATS

CENTRAL WAR SURPLUS

433 Mass Ave.
Central Square
Cambridge

Get Published!

Rune, the MIT journal of arts & letters is now accepting submissions:

Poetry,
Prose,
Photographs & Sketches

Please send with return address to 14E-310 (The Writing Center)

NOBODY DOES IT BETTER!

- * PROMPT PERSONALIZED SERVICE
- * CURRENTLY HANDLING MANY SATISFIED MIT DEPARTMENTS
- * AUTHORIZED DIRECT BILLING TO MIT
- * FREE SAME DAY TICKET DELIVERY
- * NEVER A SERVICE CHARGE

Tired of Large, Impersonal Agencies?

THE TRAVEL STORE

Should Be Your Travel Agency!
Give Us A Call

THE TRAVEL STORE 367-3300

at Charles River Park, Boston 02114

Do you have trouble studying? finding enough time to do your homework? taking exams?

The UASO might be able to help:

HOW TO STUDY AT MIT

—a series of seminars led by graduate and upperclass students to discuss techniques for

- managing your time
- taking notes
- solving problems
- preparing for exams
- writing papers

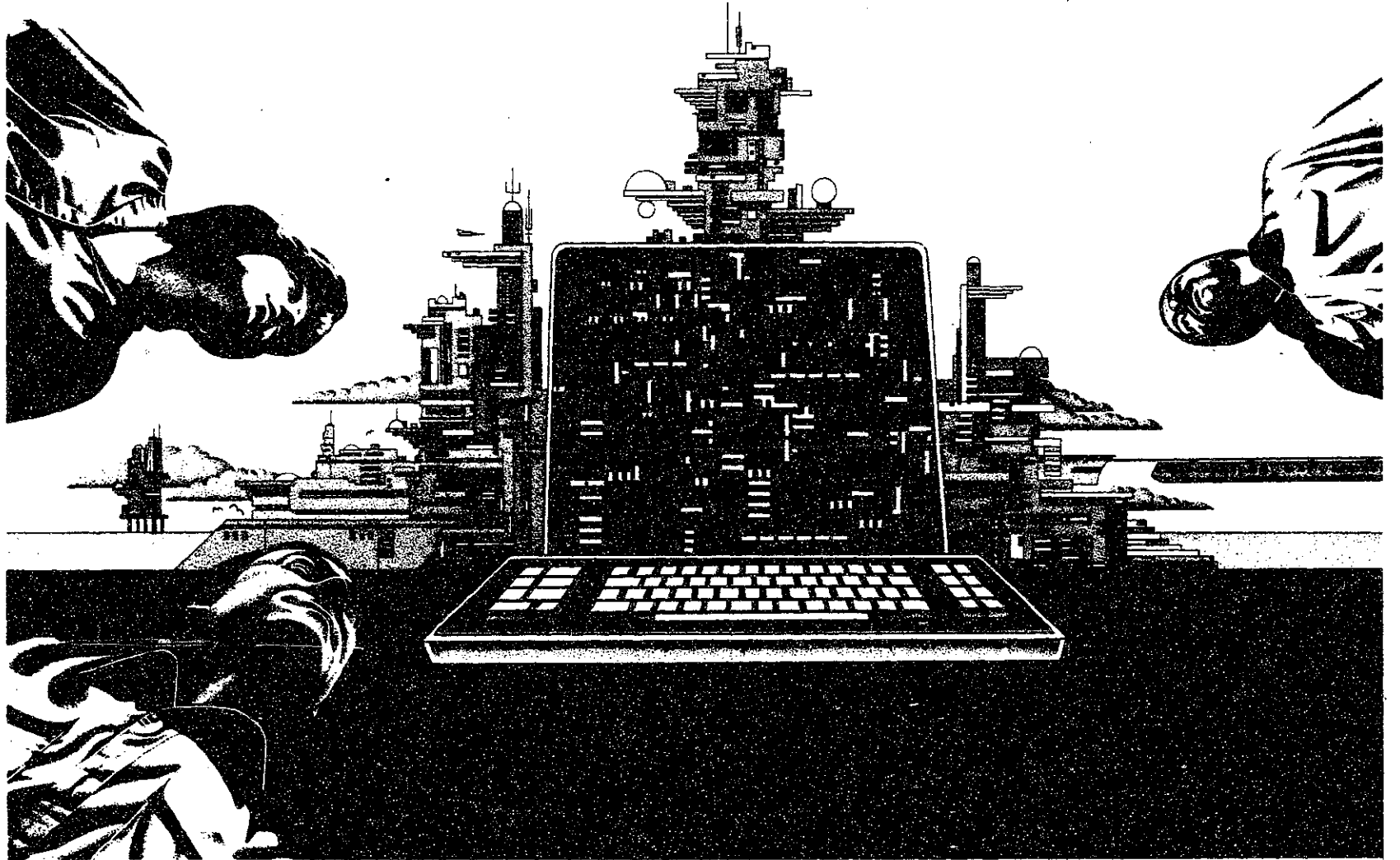
Two series will be offered:

I Tuesday and Thursday, October 19 & 21
7-9 pm Room 10-280

II Monday and Wednesday, October 25 & 27
7-9 pm Room 10-280

(sponsored by the Undergraduate Academic Support Office, Room 7-103. Inquiries encouraged.)

THE HONEYWELL FUTURIST AWARDS COMPETITION



GRAB 2000 BUCKS IF YOU CAN ACE THIS EXAM!

Twenty years ago, who'd have thought you could carry a roomful of computers in your pocket? Make music with numbers? Or push pictures through a glass thread?

Yet today, it's just as difficult to predict what another 20 years will bring. So we're leaving it up to some pretty well qualified individuals. People like you.

We invite you to participate in the Honeywell Futurist Awards Competition. Predict the most significant technological developments in the year 2000 and how they'll affect our environment, economy and social structure. A panel of expert judges will select the ten winners, and Honeywell will give each of those talented students \$2000!

And there's a bonus! Those winners with a declared major in electrical engineering, computer engineering, mechanical engineering or computer science will be offered Honeywell Summer Internships—with salary grants!

HOW TO ENTER

Mail us the completed request form for your Honeywell Futurist Awards Competition Blue Book and entry

instructions. Predict the changes that will occur by the year 2000 in Computers, Energy, Aerospace, Marine Systems, Biomedical Technology, and Electronic Communications, and how these changes will reshape the World.

The ten winners will be notified by mail, and invited to the Honeywell Futurist Awards Dinner with the Futurist Panel of Judges, February 15, 1983 in Minneapolis.

OFFICIAL ENTRY BLANK

Print your name and address and mail to Honeywell Futurist Awards Competition, P.O. Box 9017, St. Paul, MN 55190.

Yes, I am interested in participating in the Competition. Please send me an Official Futurist Blue Book.

NAME _____
ADDRESS _____
CITY _____ STATE _____ ZIP _____
COLLEGE OR UNIVERSITY _____

Honeywell

Making a world of difference.

ELIGIBILITY

1. You must be currently enrolled at an accredited U.S. college or university as a full time undergraduate or graduate student. (Full time faculty members and Honeywell employees and their immediate families are not eligible.)

2. Send in the coupon or write to: Honeywell Futurist Awards Competition, P.O. Box 9017, St. Paul, MN 55190 for your official Futurist Blue Book, competition rules and information.

3. Deadline for receiving requests for contest materials is December 1, 1982. Contest closes December 31, 1982.

news roundup

Nation

Social Security fund needs to borrow money — Social Security officials expect to borrow \$1 to \$2 billion next month for the old-age pension trust from the system's disability benefits or health insurance funds. Congress last year granted the system the ability to borrow between the funds. The old-age pension fund will have an \$11.9 billion obligation in November. Monthly benefits have exceeded revenues for some time; the fund's cash reserves are now less than a month's expenditure.

Local

Fire ends mass; hundreds flee church — A fire interrupted mass Sunday morning at Our Lady of Assumption Church in Chelsea, forcing 200 people to quickly leave the church. Reverend Robert Langlois said he was celebrating mass when the church's fire alarm sounded. A custodian set off the alarm when he noticed smoke in the school building attached to the church. The Reverend did not end the service when the alarm sounded, but he did so soon afterward, when smoke entered the church.

Weather

Winter isn't here yet: today we have a high of about 65 degrees, with mostly sunny skies. Tomorrow will be even better, with a high around 70 degrees.

MIT allows food trucks on campus

By Buzz Moschetti

MIT has granted four food vendors — last year a familiar sight on Massachusetts Avenue — a new permanent location in the parking lot between buildings 56 and 58.

The Institute is allowing Felaful King, Blue Goose Pizza, and the fish & chips truck to sell food on MIT property, according to H. Eugene Brammer, Director of Housing and Food Services. The Institute is also allowing a second felaful seller to operate in an MIT parking lot at the corner of Amherst and Hayward streets, across from 100 Memorial Drive, Brammer said.

The four vendors can operate on MIT property between 11am and 4pm, Brammer noted.

Both Joe & Mike's Pizza Oven and Andy's pushcart are already allowed to sell food on MIT property.

MIT does not charge the four vendors for using MIT property, but requires they have liability insurance and pay state meals tax and the Cambridge Board of Health vendor's fee.

Last May, the Institute asked Cambridge Police to enforce laws requiring street vendors to move at least every ten minutes, to move the food trucks away from MIT's 77 Massachusetts Avenue entrance. Most of the vendors continued to sell near the campus.

"We would get as many as two tickets a day on Mass. Ave," said Moses Catz, who operates Felaful King with his brother Amos. "Three or more tickets a week was common."

Catz said he and Amos collected over one thousand signatures from customers on a petition to allow them to move on campus. He claimed the petition precipitated MIT's decision to allow the vendors on campus.

Felaful King's business is down 40 to 50 percent because of lost customers from the Whittaker College building, Catz said, but he no longer has to pay for violations.

Bob and Edie Analetto, owners of Blue Goose Pizza, said they are "very happy and secure" at their new site.

Although two other felaful trucks have applied for space on campus, Brammer said he doubts their request will be granted unless one of the current vendors decides to leave. Vendors remaining on the streets around the Institute are in no way connected with the Institute, Brammer declared.

EARLY RESPONSIBILITY

In the age of information technology, a company — whose sales of \$1.7 billion annually and whose products and components extend from data acquisition and information processing through data communication to voice, video and graphic communication — is making early responsibility a reality for their new graduates.

ON CAMPUS INTERVIEWS November 2nd and 3rd

Electrical, Industrial and Mechanical Engineering,
Physics, Material Science and Computer Science
Majors

Make arrangements at the Placement Office.



HARRIS

An Equal Opportunity Employer, M/F/H/V

The Company

Megatest builds the finest LSI testers in the world. Our systems test more microprocessors, EPROMs and Bubble Memories than anybody else's. They have broken all industry records for reliability. They have altered the way people think about device testing.

We've attained this standing in the industry while remaining a small, friendly, employee-owned company. How? By creating an environment that rewards creativity, effort and results, not politicking, rank or tradition. And by emphasizing neat ideas more than neat desks and neat dress.

The Job

We are now designing new test systems which will handle the "super-chips" of the future. These systems will require astoundingly powerful computers and near-perfect analog support circuitry. They will be specified in terms of picoseconds, nanoamps and gigabits.

We need people with as much potential as our new systems in the following areas:

Computer Scientists (language processors, interactive development tools)

Analog and Digital Engineers (high-speed ECL gate arrays and hybrids)

Marketing Engineers (combines technical and marketing skills)

The Potential

The range of professional opportunities at Megatest is almost unlimited and we've perfected a management style that makes it possible to move freely among them. You follow your instincts and ambitions. If you've got potential you can unleash it at Megatest.

Megatest Corporation, 2900 Patrick Henry Dr., Santa Clara, CA 95050, (408) 988-1708. Contact: Anjie Couch.

Give Blood

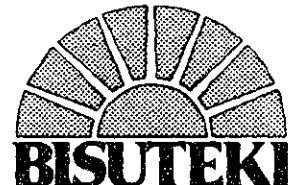


Nov. 3-12

This space donated by The Tech

Bisuteki offers you the next best thing to money from home.

\$5



\$10

OFF TOTAL DINNER CHECK*
FOR 2 OR 3.

BISUTEKI
JAPANESE STEAK HOUSES
Where the steak steals the show.

OFF TOTAL DINNER CHECK*
FOR 4 OR MORE.

Save on a delicious Teppanyaki-style steak, chicken or seafood dinner every Monday thru Thursday at Bisuteki. Each mouth-watering meal is prepared right at your table by one of our native Japanese chefs. Come on over to Bisuteki today. Because if you have to wait for Mom and Dad to come through, you could end up waiting a long time. We're conveniently located with free parking at the Howard Johnson's Motor Lodges at 777 Memorial Drive, Cambridge (492-7777) and 407 Squire Road, Revere (284-7200).

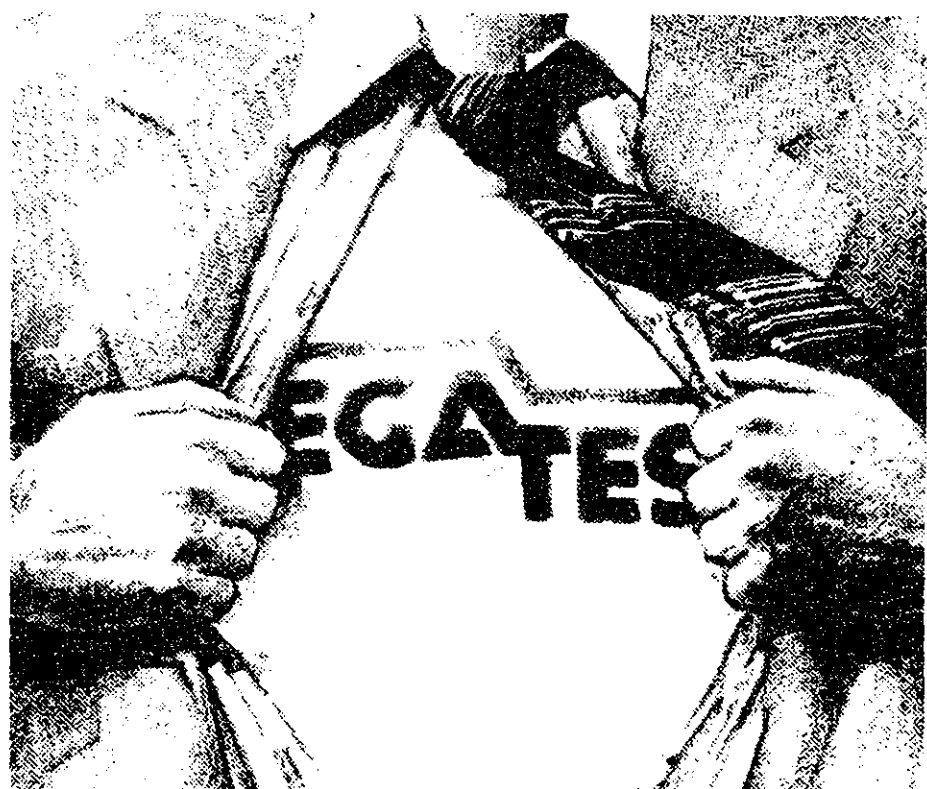
Name _____

Address _____

College _____

*Excluding taxes. Offer expires 12/15/82.

POTENTIAL IN ELECTRONICS IS MORE THAN JUST VOLTS



UNLEASH YOURS AT MEGATEST.

Campus Interviews: Monday and Tuesday, October 25 and 26, at the Career Planning and Placement Office. (Don't bother dressing up for the interview.)

opinion

Act on office space

It seems nobody on the MIT campus knows what to do about the lack of office space for student activities. The Association of Student Activities (ASA) knows of thirty student groups that want office space. The ASA is responsible for allocating activity offices in the Student Center. Control of activity space in other buildings is less certain. Robert Holden, retired Associate Dean for Student Activities, allocated the old *Thursday* office in Walker Memorial last summer, but there is no clear authority for assigning student activity space in that or other buildings on campus.

Student activities are a vital part of the Institute community, and many groups need permanent offices to grow and flourish. At the same time, some groups may not need all the space they occupy. Occasionally, space will become available as groups die off, as did *Thursday* in 1979. One authority should monitor activities' need for office space and the availability of that space around the campus, reallocate offices of student groups that no longer need them, and lobby for new space if it is needed. That *Thursday's* office in Walker remained unused for three years, while many groups went without, clearly demonstrates the need to centralize responsibility for student activity office space.

Although Samuel Austin's tenure as ASA President ended with no great record of accomplishment, he at least tried to awake the ASA from years of inactivity. The space situation presents an obvious opportunity for the new leaders in the ASA. In fact, the ASA executive committee intends to review the problem this year. The ASA should use this opportunity to finally do something, rather than return to benign obscurity.

Keep pass/fail

The future of MIT's freshman pass/no credit system will likely be decided at tomorrow's meeting of the faculty. Members of the faculty should critically consider the Committee on Educational Policy's recommended modifications to freshman year evaluation.

The pass/no credit grading system was instituted to ease the often difficult transition from high school to the rigorous pace of academic life at the Institute, and to allow freshmen the freedom to explore some of the many opportunities for learning — curricular and extracurricular — offered at MIT.

Returning freshmen to a formal grading system, even with a promise that internal grades will never be released, can only exacerbate the pressure on freshmen. Members of the faculty must realize the CEP proposal reflects not merely a procedural change, but a fundamental modification of the philosophy behind the pass/no credit system.

The CEP has relied on largely anecdotal evidence to advance its plan. It has shown no substantive evidence demonstrating that formalized hidden grades will more effectively evaluate freshman performance or ensure students learn core course material.

The faculty should heed the voice of student opinion. The Undergraduate Association General Assembly and the Student Committee on Educational Policy both rejected the use of hidden grades. The students have recognized the important role the pass/no credit system has played in their MIT experience.

The CEP says the problems of freshman evaluation lie not in the method of written evaluation, but rather in the inadequate freshman advising system. The committee is correct, but the CEP recommendations do little to improve the advising system. The faculty should attempt to cure the disease, not its symptoms. The philosophy behind the pass/no credit system remains sound; it should not be abandoned.

The Tech

Ivan K. Fong '83 — **Chairman**
 Jerri-Lynn Scofield '83 — **Editor-in-Chief**
 V. Michael Bove '83 — **Managing Editor**
 William L. Giuffrè '84 — **Business Manager**
 Volume 102, Number 45
 Tuesday, October 19, 1982

NEWS DEPARTMENT

News Editors: Barry S. Surman '84, Tony Zamparutti '84; **Associate News Editors:** John J. Ying '84, Burt Kaliski '85, **Staff:** Laura Farhie '83, Andrew Robbins '83, Sam Cable '85, Gene Chang '85, Morris Dovek '85, Joe Killian '85, Andrea Marra '85, Jake Tinio '85, Dan Crean '86, Joel Gluck '86, Tom Huang '86, Richard Mlynarik '86, Ron Norman '86, Leo Hourwitz G.

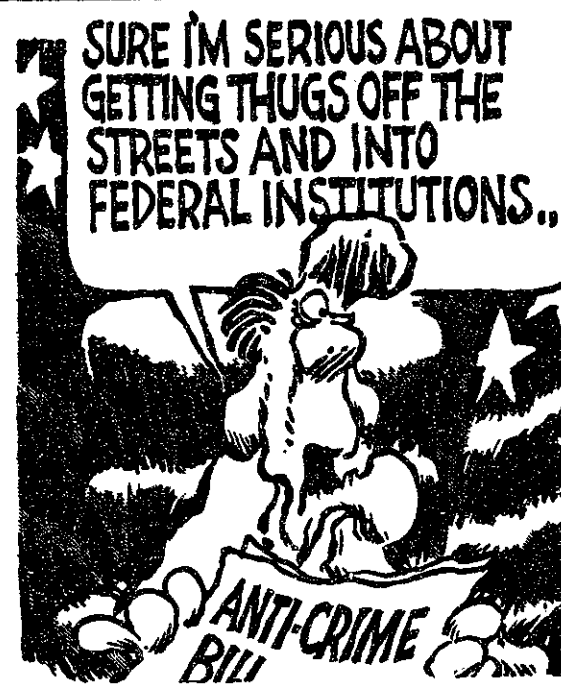
CARTOONISTS

Geoff Baskir '78, Glenn Ackerman '82, V. Michael Bove '83, Bill Spitzak '83, Carol Yao '85, Joe Cerami '86, Oruç Çakmaklı G.

PRODUCTION STAFF FOR THIS ISSUE

Night Editor: Daniel J. Weidman '85; **Staff:** Tim McNerney '83, Cindy Delfino '83, Bill Spitzak '83, Charlie Brown '84, Bill Coderre '85, Richard Mlynarik '86, Dave Chia G.

The Tech (ISSN 0148-9607) is published twice a week during the academic year (except during MIT vacations), weekly during January, and once during the last week in July for \$10.00 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. © 1982 *The Tech*. Printed by Charles River Publishing, Inc.



feedback

Vote against CEP proposal

To the Editor:

Tomorrow the faculty will vote on the Committee on Educational Policy (CEP) freshman hidden grade proposal. After discussing the proposal with the Student Committee on Educational Policy (SCEP), I can not support the CEP recommendations.

The CEP claims that their proposal would increase feedback between students and faculty. The CEP surely can not think that grades could provide nearly as much information as a "check box" system and/or written evaluations. A check box system has been proposed for the fall term, yet was deemed impractical for the spring term. Why would it be impractical? It wouldn't be time consuming for the faculty, since the students would be rated on their performance on tests, home-

work, class participation, and, if relevant, the quality of writing, all of which professors presently keep track of; it would provide much better feedback than "one-dimensional" grades; it wouldn't be costly, since the same forms would be used both terms, and there would be no need for the forms to be processed by the registrar, as suggested by the CEP; finally, a check box system would not increase pressure on freshmen, as grades undoubtedly would.

The problem with the present system is not an unsatisfactory form of evaluation, but an inadequate method of insuring completion of the forms. The CEP proposal does not sufficiently address this problem. For the freshman evaluation system to work we need only find a way of improving communication between

students and faculty. Admittedly, there would be a higher response rate if we switched over to hidden grades; what is needed, however, is *meaningful* feedback, and a higher response rate would be meaningless if it meant the sacrifice of quality evaluations.

I am aware of, and can somewhat sympathize with, a desire by a large number of the faculty to institute freshman grades for one or both terms. I can only see the CEP proposal as a compromise between this faculty sentiment and the CEP's own wish to retain pass/fail. I can not claim to be as aware of all the issues as the CEP members themselves, but I fail to see how this proposal faces any of those issues. I therefore urge the faculty to vote against the proposal.

Mike Witt '84
 Vice-chairman, SCEP

ASA to assess office space

To the Editor:

Since the ASA Executive Committee was not interviewed by Leo Hourwitz for his column "ASA: No space allocation plan", we would like to inform the MIT community of our present stand on the issue of office space allocation for student activities.

The ASA Executive Committee is re-evaluating the use of office space. A survey was sent to all activities, with or without an office, to determine their size, student representation, and space requirements. The deadline for returning these surveys is October 31.

According to the ASA Constitution, the Executive Committee

is responsible for reviewing, and in conjunction with the Dean's Office, assigning space to activities. We feel that a case by case assessment is the most practical way of assigning office space, given that the space available to us is already full to overflowing. We do not know of any systematic procedure that would improve the situation.

The Committee to review office space was created by the previous Executive Committee. We can find no record of its membership, actions, or of anything other than its stated purpose.

The Association of Student Activities is always open to ideas and suggestions on ways to better serve the needs of activities at MIT.

The ASA Executive Committee
 (Editor's note: Leo Hourwitz's article included an interview with Stuart Atlow, an ASA Executive Committee member.)

Strat's Rat discriminates

To the Editor:

The Student Center Committee (SCC) is embarking on a project which will result in the systematic discrimination of over one-half of MIT's entire undergraduate population. If the afflicted group were Black, Chicano, or Jewish, there would be "hell to pay" for those responsible, and with good reason. The fact that the group in question here is less socially cohesive, less able to mobilize effectively against this implicit threat, should not be ground for any less drastic action.

A week from last Friday, the SCC resurrected the *Strat's Rat*, an event which featured a live band in a pub-type atmosphere. The evening was noteworthy for the presence of several demonstrators outside the door. It seems that the SCC was not admitting anyone under twenty to its *Strat's Rat*. The decision not to do so was apparently an arbitrary one, not one dictated by legal or ethical considerations — indeed, the SCC members working the event, the ones checking IDs, were themselves under twenty years of age.

There is, however, a method to

the SCC's madness. The *Strat's Rat* and the Junior-Senior pub held last Thursday night were both intended as trial runs for what the SCC hopes will be a permanent pub in the third floor of the Student Center. It plans to hook up with the National University Pub circuit in order to bring national acts to MIT's student body — or at least to that portion of it which happens to be twenty years of age or older.

(Please turn to page 5)



feedback

Age exclusion unfair

(Continued from page 4)

Ironically, most of the funding for this enterprise is coming from those who would be systematically excluded. Those under twenty are unwittingly contributing to this project through the electronic games they play and the tuition money they pay. These are the SCC's two main sources of revenue. Since the SCC depends upon the entire student body for the funds that comprise its very existence, one might expect that the SCC owes a responsibility to that same student body — the entire student body. If the cavalier attitude displayed by certain SCC members at recent meetings is any indication, this may not be the case.

This attitude of those running the show at the SCC is offensive and should not be tolerated. The planned systematic exclusion of all those under twenty is needless and unjustified. Feasible alternatives exist — these alternatives would allow the SCC to open up its planned pub to the entire student body, and they involve only a modicum of extra effort. Some schools open up their events to all by setting up a partition and allowing only those of drinking age into a specially designated drinking area. Others simply require an ID at the bar before alcohol can be purchased. These alternatives are effective solutions to the problem. They have worked in the past and should be considered. Unfortunately, those running the show at the SCC were more inclined to laugh and make jokes about those who attempted to discuss these alternatives.

With many organizations feeling the pinch due to a lack of space in the Student Center, it seems somehow inconsistent that Student Center space would be allocated to an organization or an event which would promote the exclusion of a large segment of the MIT student body. One might imagine that this space could be put to a better use. The SCC responded to this contention by proposing a motion which would allow that one-half of its events be open to those under twenty years of age. The promises afforded by this action would have been hollow ones indeed. Allowing for Sala band parties and the Friday Afternoon Club (where the SCC admits all and simply requires an ID at the

bar before alcohol can be consumed), the SCC would be promising no more than it already provides. As it turned out, the SCC rejected even this motion.

We urge all those who share our feelings to take positive action. By attending three SCC meetings (the SCC meets every Sunday night at 7:00pm in Room 400 of the Student Center) you can become a voting member of the Student Center Committee. Then you can help us change the SCC — and those who would run it — for the better, should they persist in their plans to establish a pub which would systematically exclude over one-half of MIT's undergraduate population. We owe ourselves no less.

Jefferson C. Young '83
Owen Hughes '86
Greg Makoff '86
Patrick McGovern '86
Jonathan Bernhardt '86
Jerald Simon '84
Hubert C. Delany '84
Susan K. Lovich '85
James P. Roberts '83
Robert P. Krajewski '84
Dmitry Goykhman '84
Saul Rodriguez '86
Dorothy Turetsky '83

GRADUATE STUDENTS

Interviews for seats on Institute Committees will be held on Monday and Tuesday, October 18 and 19, from 5pm to 7pm in the GSC office, Room 50-222. Current openings exist on the following committees:

Faculty Committees

Committee on Discipline
Committee on Student Affairs

Presidential Committees

Committee on the Assessment of Biohazards
Community Service Fund Board
Equal Opportunity Committee
Committee on Foreign Scholarships
Prelaw Advisory Board
Committee on Privacy
Committee on Radiation Protection
Committee on Safety
Advisory Committee on Shareholder Responsibility
Dining Advisory Board

Corporation Committee

Corporation Joint Advisory Committee on Institute Wide Affairs

For an application and interview appointment, contact the Graduate Student Council by phoning 253-2195 afternoons, or stop by Room 50-222.

You may know us.

We're the people who provide information and answers for virtually every facet of the world's needs.

We're Computer Sciences Corporation.

If your talents, skills and education encompass the computer software, hardware or communications technologies, you should get to know us better.

CSC is the information corporation. Our computer programmers, engineering computer analysts, mathematicians, scientists, physicists and financial/economic analysts conceptualize, design, write and implement some of the most sophisticated communications networks on Earth.

We design business systems for corporate America.

We program the communications systems for some of the country's largest metro-transit lines.

We provide the data processing systems for large industries as well as entire countries.

We're an intricate part of the nation's defense program.

And we handle equally awesome challenges in space. As the computing partner with NASA, we programmed and developed the launching of the Space Shuttle and designed its global communications network. We'll also create the software and hardware for man's first telescope in space. We're Computer Sciences Corporation.

We'll be on campus 11/2/82
(see your placement office for details)

The problem solvers. Talk to us.

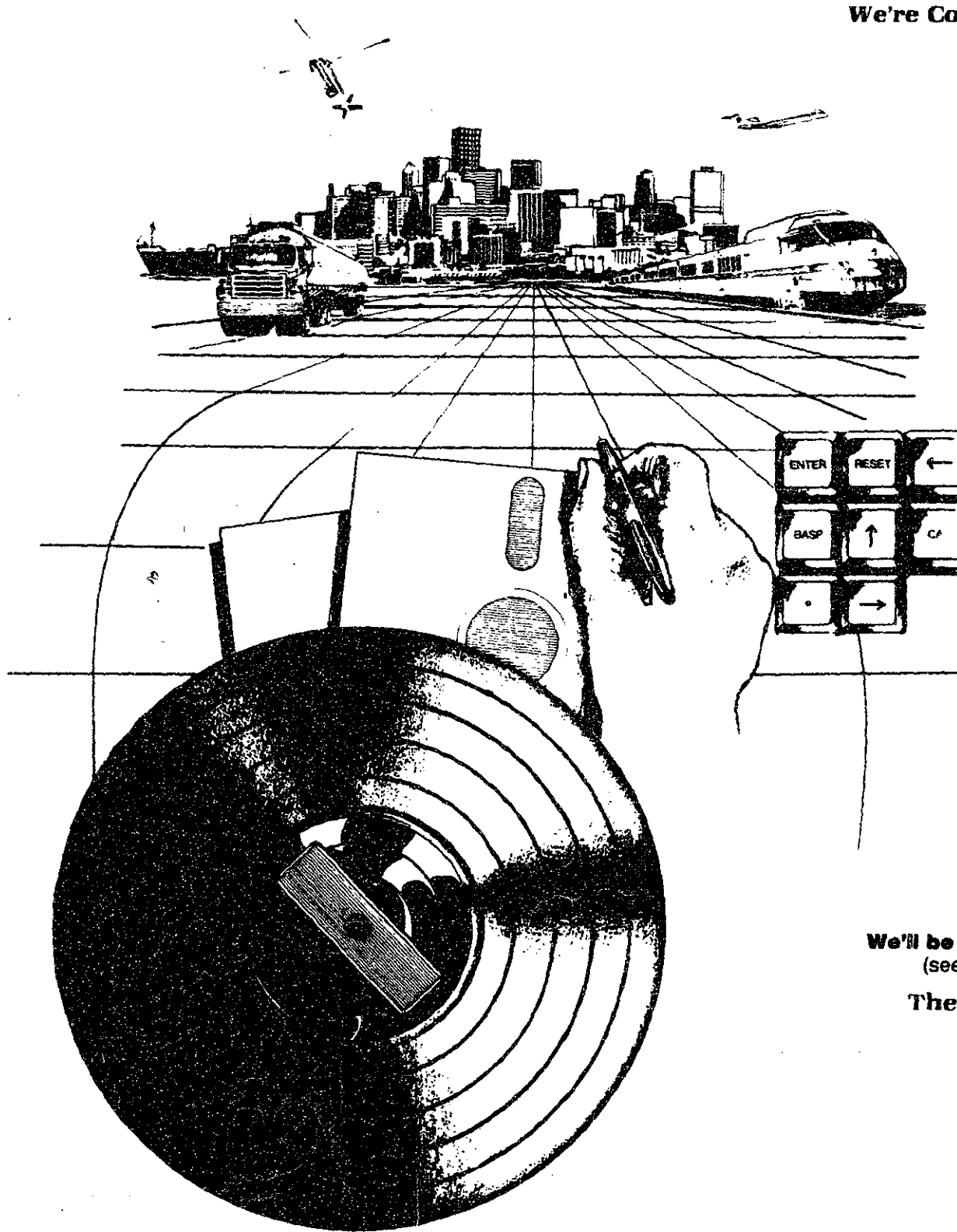
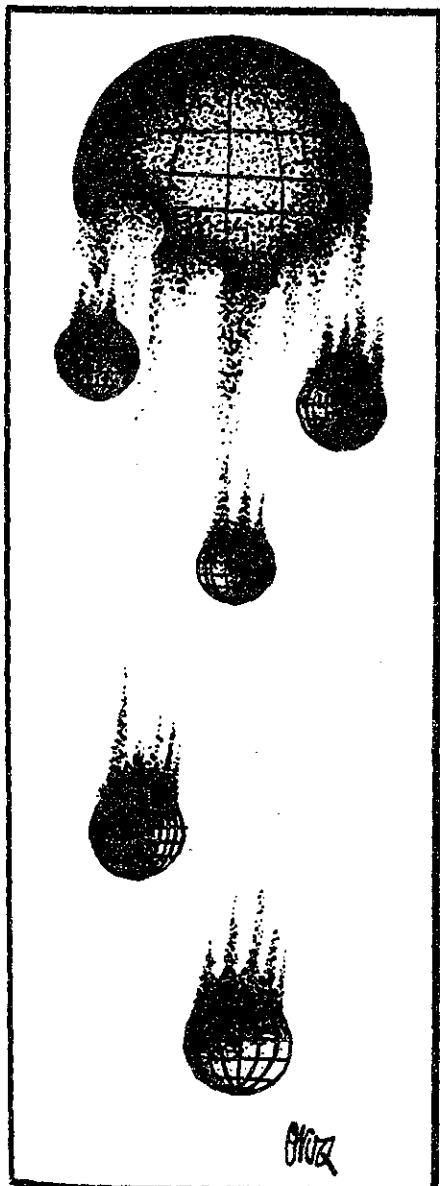
Computer Sciences Corporation
Corporate Employee Relations
Department 235-1
650 N. Sepulveda Boulevard
El Segundo, California 90245

An Equal Opportunity Employer

CSC

COMPUTER SCIENCES CORPORATION

Get to know us better.



Over 100 dorm rooms crowded

By Jake Tinio

MIT's dormitories presently have 107 overcrowded rooms, according to George Hartwell, Associate Director of Student Housing.

Although above the usual count of 50 to 60 overcrowded rooms for this time of the year, the figure is not "exorbitant," Hartwell said.

East Campus is the most overcrowded dormitory, with 37 overcrowded doubles, according to East Campus room assignments chairman Bruce Campbell '83. Upperclassmen live in two of those overcrowded doubles, he added.

Burton House room assignments chairman Aaron Jungreis '83 reported 19 overcrowded rooms in Burton, all of which are inhabited by freshmen.

Minsky talks about AI

By Will Doherty

Professor Marvin Minsky used children's stories to illustrate machine modeling of the brain to about 500 people Friday.

Artificial intelligence, Minsky said, may provide a model for understanding the architecture of the human brain or may discover a different architecture to perform the same functions.

Minsky's lecture covered the role of artificial intelligence (AI) in computer science, mathematics, psychology, linguistics, biology, and education.

Although plagued throughout the lecture by an inoperative mechanical blackboard — for which he blamed engineers — Minsky was able to illustrate some of the hundred or so applications of AI. He mentioned a program to diagnose illness when given symptoms and a program to determine how to use oil drilling rigs effectively.

Minsky painted a vision of the ultimate computerized knowledge acquisition system, able to read all the books ever written and digest all the movies ever filmed.

When questioned about Japan's "Fifth Generation" project, Minsky explained that Japanese government and industry are applying the few AI people they have to making computers more intelligent. "The application of intelligence to computers is clearly the most important thing you could do" in computer development, he said.

Minsky joked about the technological progress made in computer hardware, commenting, "Now we can produce chips like toilet paper." He is awaiting a time when a parallel machine in which "a million little computers can do something useful all at the same time" is developed.

According to Minsky, about 1000 people work in AI labs or projects around the world. One hundred of them are professionals, he said.

Minsky, Donner Professor of Science, delivered his lecture, entitled "What's Happening in Artificial Intelligence?" in room E25-111. The lecture was sponsored by the Personnel Office, the Provost's Office, and the Sloan School of Management.

500 Memorial Drive began the school year with 20 overcrowded freshman triples but presently has 18, according to room assignments chairman Michael Keane '83.

Thirteen rooms are overcrowded in the New West Campus Houses, which include the four language houses. French House has one overcrowded freshman triple, according to room assignments chairman Eve Riskin '84. German House has neither overcrowded rooms nor vacancies, said room assignments chairman Erica Ellingson '84. Russian House has one overcrowded freshman triple, according to Margaret Magnus G.

McCormick Hall has 10 overcrowded freshman triples and 3 overcrowded upperclass doubles, according to Judy Chow '84, room assignments chairman.

Baker House contains 9 overcrowded freshman quads and two vacant rooms, said Eric Shrader '83. Shrader noted that none of the overcrowded freshmen has chosen to "uncrowd."

Bexley Hall, MacGregor House, and Random Hall have no overcrowded rooms, according to Hartwell, but MacGregor's

Alex Herndon '84 reported one vacancy and Random's Joseph Kilian '85 counted three open rooms in the dormitory.

Jeffrey S. Meth '84, Bexley room assignments chairman, refused to comment.

Senior House has one open space for a female and two for males, in addition to one overcrowded room, said Senior House room assignments chairman Michael Rohan '84.

The total number of 110 overcrowded rooms given by the dormitories' room assignments chairmen differed from Hartwell's figure of 107. Hartwell reported three fewer overcrowded rooms in 500 Memorial Drive than did Keane.

Hartwell said the number of overcrowded students has fluctuated greatly in recent years. The dormitories were seriously overcrowded two years ago, but had a large number of vacancies last year.

MIT housing officials plan to overcrowd 50 to 60 rooms early in the fall semester to compensate for students who leave the dormitory system during the course of the year, according to Hartwell.

RUN FOR

UMOG

Contact Alpha Phi Omega (x3-3788)

WOODROW WILSON SCHOOL OF PUBLIC & INTERNATIONAL AFFAIRS

Princeton University

Graduate Education for Careers in Public Affairs

International Relations

Development Studies

Urban Affairs & Domestic Policies

Economics & Public Policy

Urban & Regional Planning

Presentation and question-and-answer session with a Woodrow Wilson School representative on:

Date: Friday, October 22, 1982

Time: 2:30pm

Place: (Check Career Office)

E-Systems continues the tradition of the world's great problem solvers.

Recognized with Archimedes and Newton as one of the three greatest mathematicians, Karl Gauss also pioneered math in astronomy, gravitation, electricity and magnetism.

E-Systems engineers are continuing in his footsteps today. They are pioneering technology and solving some of the world's toughest problems in electronic transmission and signal-reception in an interference and noise background using basic Gaussian concepts.

E-Systems "pioneering" in communications, data, antenna, intelligence and reconnaissance projects results in systems that are often the first-of-a-kind in the world.

For a reprint of the Gauss illustration and information on career opportunities with E-Systems in Texas, Florida, Indiana, Utah or Virginia, write:

Lloyd K. Lauderdale, V.P. — Research and Engineering, E-Systems, Corporate Headquarters, P.O. Box 226030, Dallas, Texas 75266.



E-SYSTEMS

The problem solvers.

An equal opportunity employer M/F, H, V



Our Mecpar Division will be on campus interviewing November 7

notes

Announcements

Examination schedules are available at the MIT Information Center, room 7-121. Examinations not listed and exam conflicts (two or more examinations in the same period) should be reported to the Schedules Office, room E19-338, by Friday, October 22.

Eye In The Sky, The Alan Parsons Project on Arista Records.

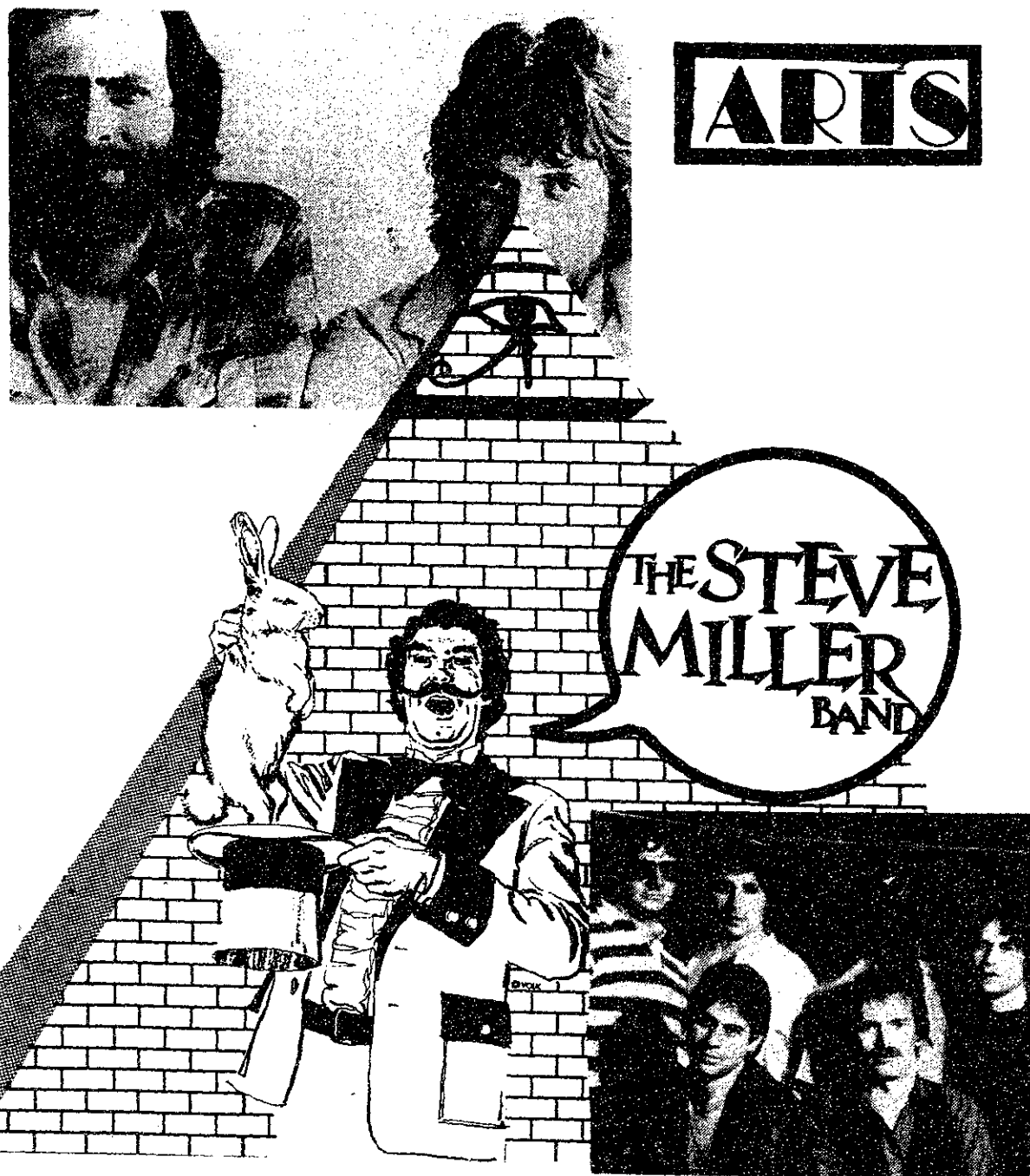
Abracadabra, The Steve Miller Band on Capitol Records.

Radio stations have at least two tricks toward playing a greater variety of music each hour. The first is electronic and barely noticeable; the speed of the song is increased without too much distortion or pitch change. The second is far simpler for the station — the song is cut to ribbons, much like favorite television programs in syndication. Asia's "Only Time Will Tell," Chicago's "Hard To Say I'm Sorry," Steve Miller's "Abracadabra," and Alan Parsons' "Eye In The Sky" have all lost a few minutes on most Boston stations.

"Eye In The Sky" opens the new Alan Parsons Project LP of the same name. There is a two minute instrumental lead-in for the song, which hit number 4 on Billboard's single chart this week. "Eye" has lyrics reminiscent of the society in 1984 set to a calm background with a firm steady beat. The track makes itself heard without blasting its way through one's mind.

The entire album, covering a broad range of musical styles, has a mixture of brilliant instrumentals and uplifting harmonies. The best qualities of Kansas, Simon & Garfunkel, and Foreigner have been mixed to produce one of the best albums of this fall. Real voices combined with real instruments (no synthesizers) have built an album worthy of a former engineer on *Dark Side Of The Moon* and *Abbey Road*. Parsons' first album appeared in 1976 after two years of production; *Eye In The Sky* is the Project's sixth LP.

The wrapping sticker claims: "The ex-



traordinary new rock visions of The Alan Parsons Project." Do not let this sticker fool you. These are not the ramblings of some half-spaced freak who shouts over the music. Rather, the album contains the orchestral and lyrical brilliance not frequently found in today's popular music.

"Abracadabra," from The Steve Miller Band's latest, is another frequently snipped song; here we lose a few minutes from the end, an instrumental segment which adds appreciably to a lengthy song with only two real sections intertwined. Unfortunately, this segment is one of the best parts of the song, which provides a strong beat to the identically titled album. Unfortunately, the beat is lost quickly in the disc. There are exceptions: "Young Girl's Heart" has an unusual catchy melody with the vocalists providing a somewhat interesting counterpoint. Many of the tracks, though, have a hillbilly/gospel sound unexpected from a group which brought us "Fly Like An Eagle," "Rock 'N Me," and "Jet Airliner."

A new sound of some sort was expected thanks to new bandmembers Kenny Lewis and John Massaro, who both triple as guitarists, vocalists, and writers. While in the past, Steve Miller did most of the writing, Lewis, Massaro, and Drummer Gary Malaber had more input on this album than bandmembers have on previous releases.

Fortunately, the full version of "Abracadabra" is available on an extended play single. After twelve years, The Steve Miller Band is planning its first live album for the summer of 1983.

Both Capitol and Arista have courteously provided lyrics for the albums.

Stuart Gitlow

classified advertising

Attorney at Law

Available in the fields of personal injury, malpractice, automobile law, real estate, contracts, criminal, landlord-tenant, wills and more. Reasonable rates. Call Esther Horwich, MIT '77, at 227-6060. Gov't Center.

Buckminster Fuller Maps, Publications, and Gift Items
Essential tools for learning about our spaceship Earth and our only option for saving it for the future. Also the tools for learning Synergetic Geometry: the geometry of thinking. All proceeds to finance on-going research and development. Write or phone for free color catalog: Buckminster Fuller Institute, Dept. 11, 3501 Market St., Philadelphia, PA 19104 or call (215) 387-5400.

Free lance typing:

Thesis, term papers, raunchy novels, etc. Typing on IBM Selectric II (self-correcting) and on quality rag paper. Door to door service and Special Rush, overnight service. Call David, 595-1336.

PRINT the long distance telephone service, needs part time sales help. Flexible hours, call Mr. Domich at 628-1070.

Ski for FREE!

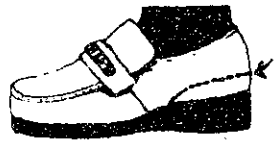
Representatives wanted to organize ski trips to Sugarbush Valley Vt. For more information call Lori 969-5544.

Wanted:

Large orb-like objects. No experience necessary. Call Clark, x3-2843.

BE TALLER INSTANTLY

Comfort design inserts fits right into your present shoe, dramatically raising you about a full inch higher while keeping foot snugly in shoe. You'll stride with confidence and more restful, too — and no one ever knows! Durable, lightweight, relax to wear. Not available in stores.



\$95/pair, postpaid, 2 pair \$200 (save \$5.00). Money back in 2 weeks if completely satisfied.

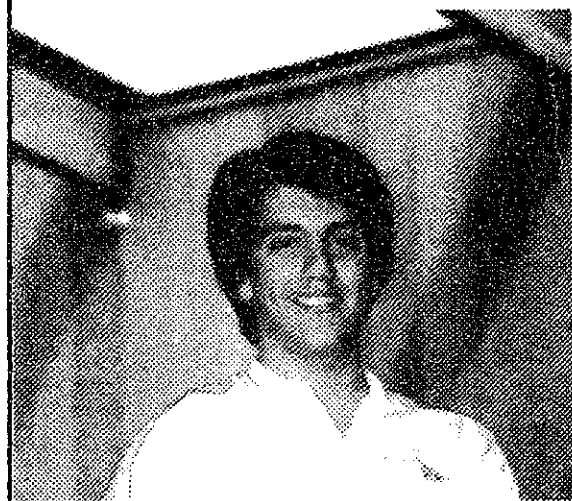
Write to: Penny Conroy, Tandem Computers, Inc., 19333 Valco Parkway, Cupertino, California 95014.

CHECK SIZE

2p 6-7 ☐
8-9 ☐
10-11 ☐

Future Computer Professionals

Tandem After Graduation



Michael Wissner
SB in Computer Science
MIT '82

"In a big company, like the one where I worked for two summers, there's no way to comprehend what's going on everywhere. Here I talk to the Sales Representatives and get memos from the president about company goals and performance. There's a lot of contact about what's going on in the rest of the company."

When Michael first arrived in "Silicon Valley" and at Tandem, he found his Software Development group ready for him.

"I was surprised at how smoothly things went. When you make a big move, you expect things to go wrong, but they didn't. I had an office, and an exciting project to work on. It's exciting to be able to have a say in what's going to be out on the market soon."

Tandem's unique. Not only in its work environment, but in its product line. Tandem designs, develops, manufactures, markets and supports a unique computer system for the on-line transaction processing marketplace. Called the NonStop™ system, its innovative architecture virtually eliminates the risk of system failures and protects the customers' data bases from damage caused by electronic malfunctions. Tandem systems can be expanded modularly from a mid-size to a large-scale system, or extended into a distributed data processing network without hardware replacement or software conversion.

If our interview schedule is full, send your resume to Penny Conroy, Tandem Computers, Inc., 19333 Valco Parkway, Cupertino, California 95014.

On-Campus Interviews

See your college placement center today, in time for sign-ups.

There's no stopping this!

See you November 10th!

TANDEM
NonStop Computing Systems

UA NEWS

Trick question

What would you do if you saw someone unconscious in Central Square? Choices:

1. Scream hysterically
2. Shout "Annie Annie are you all right?"
3. Faint
4. Examine his jewelry
5. Administer immediate CPR.

Hint: for the right answers about CPR call Alpha Phi Omega 3-3788. They will be running a course this weekend on the 23rd and 24th of October. Classes run from 1:00 to 5:00 pm in room 473 of the Student Center. Please pre-register at x3-3788.

For Extra Credit

What month is this?

1. October
2. The first month in fall
3. Museum Goers Month

Hint: your MIT student ID is good for admission to both the Museum of Science and the Museum of Fine Arts.

Dorm Falls Apart

Some serious difficulties have developed at the 500 Memorial Drive residence, aka Next House, aka. W71. If you tape anything to the walls all the paint will peel off. Please do not tape anything to the walls in Next House. If you can't control yourself, use the specially designated areas next to the elevators.

Don't let this happen to your house

At the last regular meeting, the GA voted that Baker house be forced to house 50 extra freshmen in '83-84. Really we didn't but we could have 'cause they didn't send any reps to the meeting, those Hosers! Make sure your livin group is represented at the next meeting, this Thursday, October 21, 7:00pm in 1-190. Positive proof of age required. See you house president for agendas and minutes.

Bring Wax and Feathers

Come help Icarus to fly. Icarus, a new MIT creative publication, still needs contributors and production workers. All types of creative work in writing, art, photography and even humor are welcomed. For more information, call John Stein x5-8737.

Secretary Disappears

The class of '84 secretary has been kidnaped by a small band of insurgents from Hahvahd. We can't afford to pay the ransom so elections to fill the vacancy will be held at the next class council meeting Tuesday, October 26, at 7:30 in the UA office. Interested candidates must contact Rich Cowan at x5-6485 before the meeting.

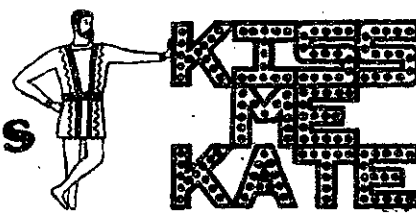
Designer Genes

Dr. Philip Leder, Chairman, Department of Genetics, Harvard University Medical School will be giving a lecture on "the design of genes" on October 20 at 7:30 in the Museum of Science. Next weeks lecturer will be MIT's Dr. David Baltimore, Professor of Biology, etc. For more information, contact the Museum at 723-2500. This lecture series will continue through November 10.

The MIT Musical Theatre Guild proudly presents

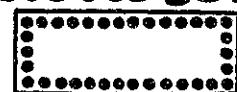
COLE

PORTER'S



October 29 & 30 and November 4, 5, & 6 at 8:00pm

October 31 at 3:30pm



Kresge Auditorium,
84 Massachusetts Ave., Cambridge

Tickets: \$5/\$3 for MIT students

Info and Reservations: 253-6294

Supply-Side Savings

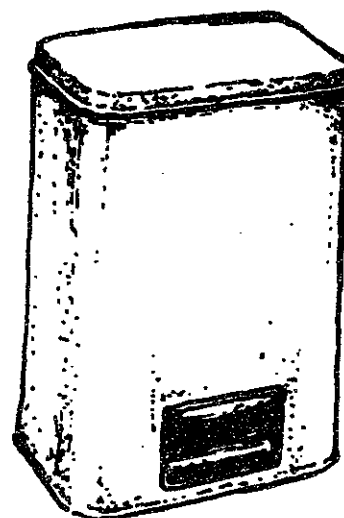
Ecko Home Essentials — durably constructed in delightful colors.

Choose:
red,
chocolate,
yellow,
or almond.



**3-Step Ladder/
Step Stool**
reg. \$27

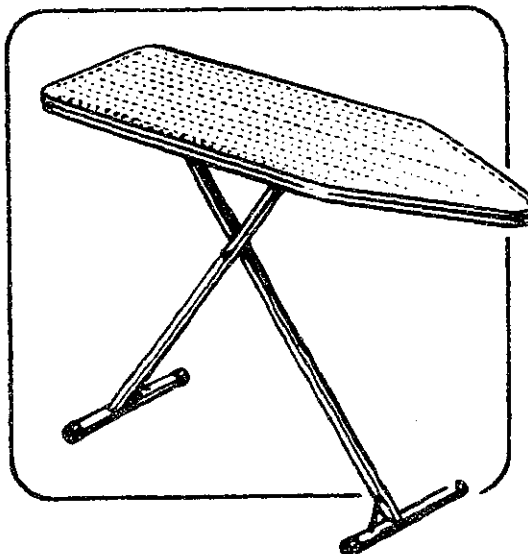
Now \$16.95



Step-on Waste Can
reg. \$25 Now \$16.95

Best Pressed Savings

Save 25% and more on Ironing Boards — in a practical array of sizes.



Mary Proctor — full size, collapsible metal board.
reg. \$17.99

Now \$13.49

Magla — table-top board, ideal for cramped quarters in apartments and dorms.
reg. \$9.99

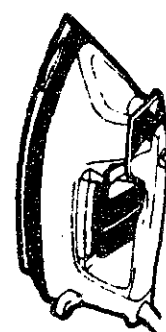
Now \$6.99

Pads and covers are now available at sale prices too!

Save 14-17% on Hamilton Beach Irons — feature for feature

you can't beat Hamilton Beach Model 854 — metal body with spray and steam.
reg. \$22.99 Now \$18.99

Model 757 — deluxe iron with Silverstone for easy-care and gliding.
reg. \$34.99 Now \$29.99 less mfr's mail-in rebate \$7.00 net \$22.99



HARVARD COOPERATIVE SOCIETY

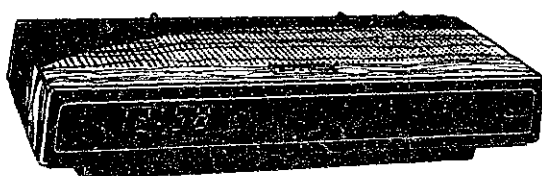
MIT Student Center



Savings That Wake You Up



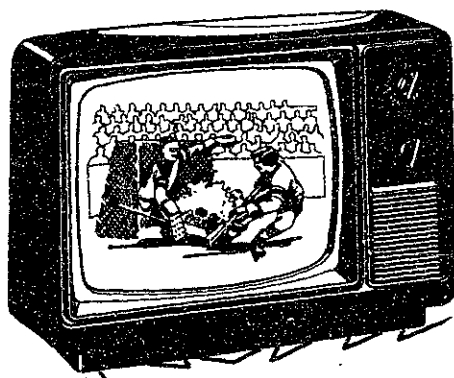
Zenith FM/AM Clock Radio — compact, contemporary-styled clock radio adds a decorator touch to any room.
reg. \$39.95 Now \$29.95



Zenith Long, Low Slim-Styled Clock Radio — uniquely designed for convenience, and sure to be a conversation piece.
reg. \$49.95 Now \$39.95



Zenith Electronic Digital Clock Radio — an outstanding value with the quality features Zenith is famous for.
reg. \$49.95 Now \$39.95

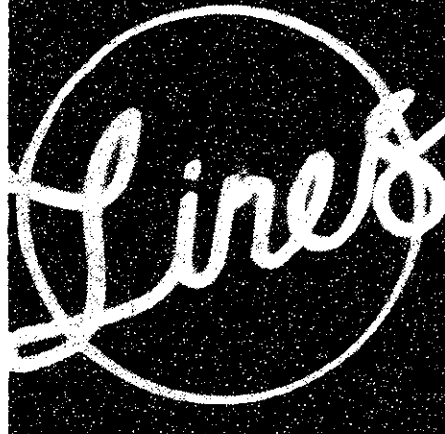


Zenith 12" B & W TV — sleek, sporty, personal-sized portable.
reg. \$109.95 Now \$88

HARVARD COOPERATIVE SOCIETY

MIT Student Center

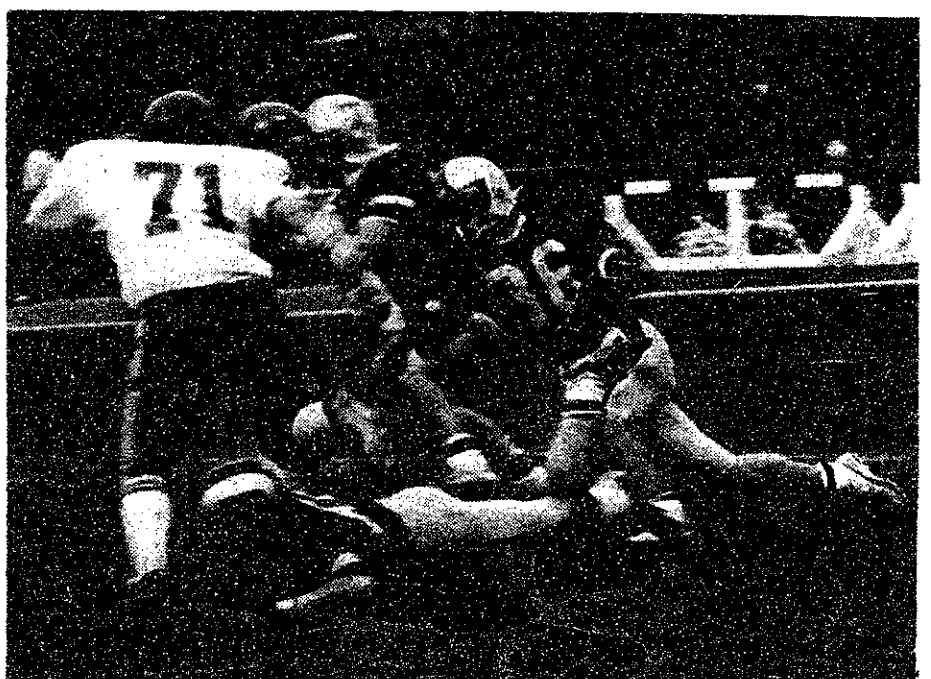




Photos from
Homecoming
1982 by
Omar Valerio



THE LINES AND LINEBACKERS



Engineering Careers

SEARCHING FOR THE RIGHT CAREER OPPORTUNITY?

If you want to work in an environment that encourages creativity and promotes your technical and professional growth...

If you would like to join a rapidly growing high technology company where your efforts and contributions are immediately appreciated...

If you would like to have complete project engineering responsibility to design and develop new ENERGY SAVING PRODUCTS and SYSTEMS from concept to finished product...

Or, if you would like a career in technical sales developing marketing programs and introducing products to the domestic and international marketplace...

WE WANT TO HEAR FROM YOU!

BS/MS ELECTRICAL and MECHANICAL ENGINEERING, PHYSICS, ENGINEERING PHYSICS, and ENGINEERING SCIENCE students in top 1/4 of class are encouraged to contact us.

CAMPUS INTERVIEWS OCTOBER 29, 1982

LUTRON

COOPERSBURG PA 18036

PHONE (215) 282-3800

(in the beautiful Lehigh Valley)

KENS PUB IN CENTRAL SQUARE

684 Mass Ave 864-5640

Look What \$2⁵⁰ Will Buy

Pint of Draft & Hamburger
Pint of Draft & Potato Skins
Pint of Draft & Steak Fries
Pint of Draft & Chicken Wings
Glass of Wine & Tossed Salad

Serving until 11:00 PM Sun-Thurs
12 Midnight Fri & Sat
Sunday Brunch Noon-3:45PM

Video Games

Bring This Ad

ANALYSTS & PROGRAMMERS

GROW WITH NUMBER 1

The Small Business Administration in Washington, D.C. has selected ACSI as the winner of the National Small Business Prime Contractor of the Year award for 1982. We are pleased to receive this honor and we invite you to join our staff and grow with us.

- OPPORTUNITIES FOR RAPID ADVANCEMENT
- OPPORTUNITIES FOR FOREIGN TRAVEL
- PROMOTIONS BASED ON MERIT, NOT TIME
- ALL MANAGERS ARE SOFTWARE ANALYSTS
- PERFORMANCE BONUSES AND PROFIT SHARING PLAN

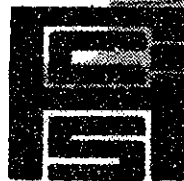
Positions are available for individuals with the following experience:

Machine Language Software; Real Time Mini-computer Programming; Diagnostic Software; Simulation, Modeling, Math Systems Analysis; Graphic Displays, Data Base Management; Software Systems Engineering; Communications Software; Field Service Hardware/Software Maintenance.

In addition, we need people with 2 or more years of experience in: Microprocessor Firmware/Software Development including Specifications, Design, Code, Test and Integration.

Positions offer excellent salaries and benefits including full tuition payment plan.

Please send resume and cover letter indicating specific experience in above listed areas to Connie Domey:



ACSI

Analysis & Computer Systems, Inc.
54 Middlesex Turnpike
Bedford, MA 01730

ACSI is an Equal Opportunity, M/F Employer

Wardrobe Classics...

Arrow Brigade Dress Shirt—

tapered for a slim, trim fit. Easy-care, button-down, 60% cotton 40% polyester oxford cloth. Choose white, maize, blue or ecru. 14 1/2 to 16 1/2 neck.

reg. \$20

Now \$14.99

The added touch that means so much..

All-Silk Ties

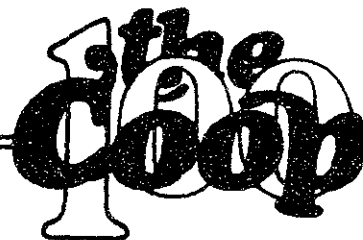
Choose from an arresting array of prints and Repp stripes comp. value \$16.50

Now \$10.99 2/\$21



HARVARD COOPERATIVE SOCIETY

MIT Student Center



Meet the Total Communications Solution.

The communications industry is accelerating at a rapid pace. Presenting a diversity of exciting challenges that demand comprehensive solutions. And M/A COM—with over \$500 million in annual sales—is the total communications solution.

The M/A COM Components Group manufactures the broadest line of highly specialized microwave components in the world—from fiber optic components to communications networks.

As part of M/A COM's 22-company effort, we can offer you a challenging career in a smaller company environment. You'll enjoy leading-edge sophistication. High visibility. And the opportunity to play a vital role on a diversity of projects. From start to finish.

Meet the challenges of the fast-growing communications industry. Meet M/A COM. The total communications solution.

Opportunities exist for individuals who are candidates for a BS, MS or PhD in Electrical or Electronic Engineering, or students with semiconductor engineering interests.

**M.I.T.
INTERVIEWS
MONDAY
NOVEMBER 8, 1982**

Contact your Placement Office to arrange an interview, or if unable to attend, please forward your resume and a cover letter describing your career plans, to: Manager, College Relations, M/A COM, Building #3, South Avenue, Burlington, MA 01803.



An Equal Opportunity Employer M/F

BSEE, BS/Physics,
MS/Systems &
Controls

CAMPUS INTERVIEWS

**MONDAY,
NOV. 8**



Kearfott ideas guide the future

Our systems guide almost everything that moves...including career!

Our rarefied technological environment has been producing ground-breaking applications—and fast-moving careers—for over 30 years.

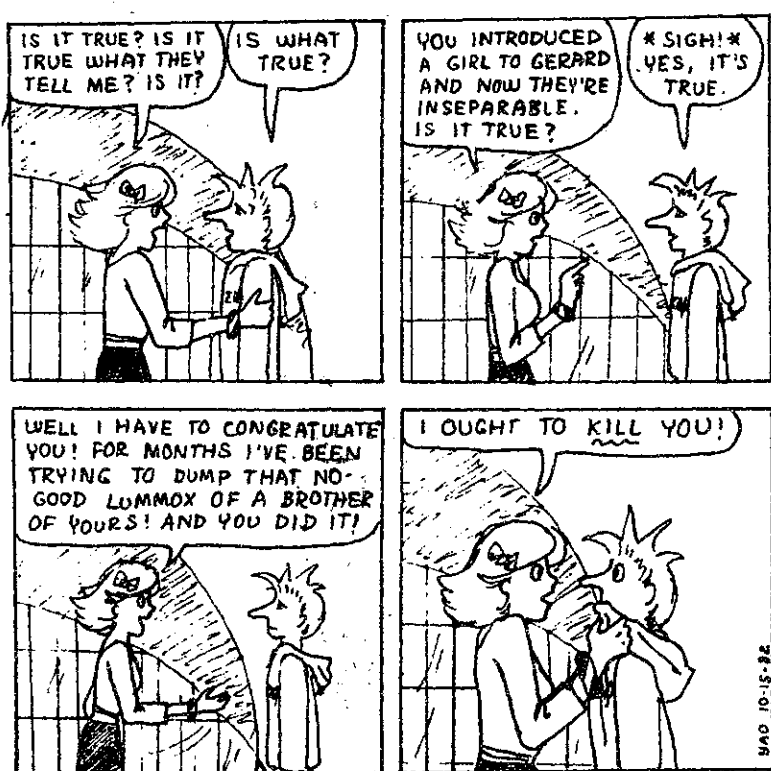
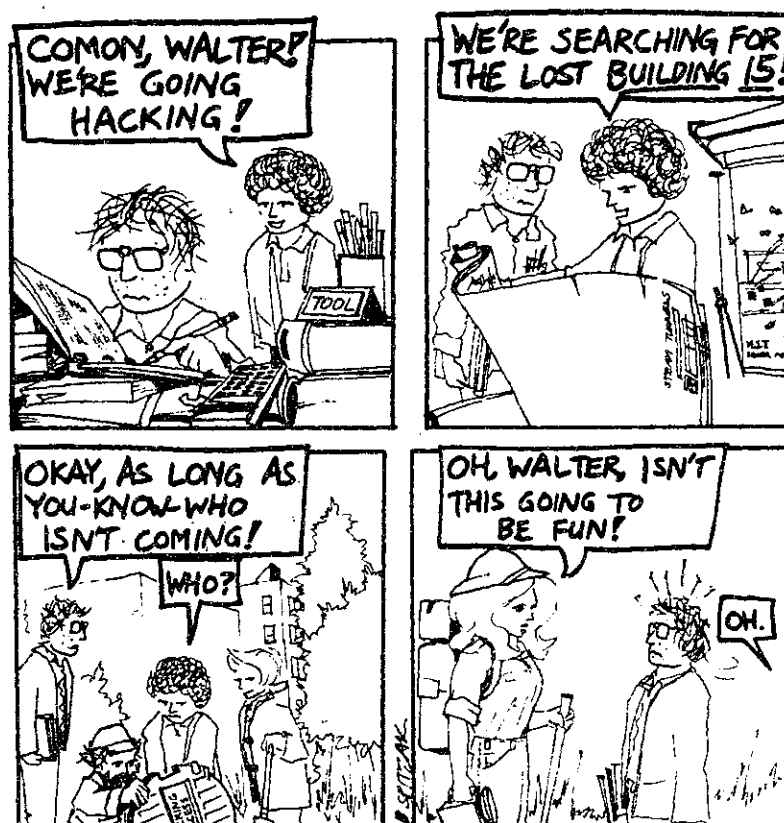
If you're looking for a fast-track opportunity in aerospace technology, see your Placement Office for our company profile and to sign up for a one-on-one interview. U.S. citizenship required.

Kearfott

a division of The SINGER Company

An equal opportunity employer, m/f, who creates opportunities

comics

Room 001
By Carol YaoDolpha
By Joe CeramiSpace Epic
By Bill SpitzakStickles
By Geoff Baskin

4th Annual Career Fair

Saturday, Oct. 23

12-5pm

Sala de Puerto Rico

Come talk with company representatives about careers and jobs in science and engineering.
Banquet and Guest Speaker to follow 6pm

Further Info. Contact: Peggy dl-7229
Danielle dl-8666

Companies Represented

AT&T
The Aerospace Corp.
Alumin Company of America
Atlantic Richfield Co.
Bell Laboratories
Boise Cascade
Dennis E. Caffrey
Digital Equipment Corporation
Exxon
GTE
General Dynamics
General Electric Company
GenRad Inc.
Goodyear Tire
Harris Semiconductor
Hewlett-Packard/Andover Division
Hughes Aircraft
Jet Propulsion Laboratory
Kendall Company
Lawrence Livermore National Laboratory

Lockheed
Lincoln Laboratory
Megatest Corporation
Motorola Inc.
New England Electric
Norden Systems
Northrop Corporation
Procter and Gamble
Sanders Associates, Inc.
Schlumberger Well Services
Scientific-Atlanta
Sikorsky Aircraft
TTI (Transaction Technologies, Inc.)
TRW
Teradyne
Texas Instruments
Three Rivers Computer
US Nuclear Regulatory Commission
United Technologies Corporation
Western Electric Company

sports

Football beaten in Homecoming

By Martin Dickau

The annual homecoming game turned out to be an event the football club would probably like to forget, as the visiting Bentley Falcons walked over the Engineers 46-0 before a crowd of about 350. The team has now lost two straight games, and its record falls to 2-3.

As in past contests, the Engineers started strong. After stopping the first Bentley drive, MIT took possession of the ball on its own thirty-eight. After a few short running plays, quarterback

Vin Martinelli '85 carried the ball twenty-three yards, deep into Falcon territory. As he was tackled, Martinelli lost his grip on the pigskin, but offensive tackle John Einhorn '84 alertly fell on the loose ball.

An eleven- and a four-yard run brought the Engineers to the Bentley eleven, where the drive stalled after two incomplete passes. The foot of Tom Hastings was called upon, but his twenty-one-yard field goal attempt was blocked.

The first quarter ended without either team having scored. The second, however, was different story. Completing a drive begun in the first quarter, Bentley put six points on the board when

Dave Doolittle carried the ball in from the six. On MIT's next possession, John Kohler intercepted a Martinelli pass and ran forty-two yards for another touchdown, making the score 12-0. Bentley then added another touchdown at the end of the peri-

od to make the halftime total 19-0 in favor of the visitors.

Both teams seemed to have trouble moving the ball in the third, however, the visitors were the ones, once again, to score, this time on a ten-yard touch-down pass.

The remaining three touch-downs were all set up by interceptions, as Martinelli had his worst throwing day of the year. In sixteen attempts, he had only one completion and four interceptions, all of them leading to scores.

Next week, the Engineers will travel to Assumption College in Worcester. Assumption currently holds second place in the New England Football Conference, tied with Bentley.

Women's soccer begins at MIT

By Arthur Lee

Do you know that there is a women's soccer club at MIT? Well, there certainly is, and it is a new club sport on campus, playing in its first season.

According to club organizers, widespread interest and enthusiasm originally started the club. Anita Flynn '83, the prime mover behind club organization, talked to me about the origins, the aims, and the hopes of the club.

"I played soccer in high school and in some community teams, and I really would like to play here," she said. "Last spring, I started talking to people about forming a club. We then hung a drop poster in Lobby 7, and we also placed an ad with LSC at the beginning of the term." She went on, "During the Athletic Midway, some forty women talked to us and said they were interested. Around thirty five would show up for practice. Now we have some twenty five to thirty steady players for the games."

"The administration, especially Club Sports Director Jack Barry, was always willing to help. They gave us eight soccer balls, and offered us transportation. When we asked for uniforms, we got them. Now we are all set."

sports
update

Women's Volleyball — continued to roll with 2-0 wins over BC, Harvard, Maine, UNH (all Division I teams), and Salem State at the UNH Wildcat Classic last Saturday. The Engineers' record stands at 17-1. Today MIT hosts Harvard at 7:45pm.

Women's Cross Country — defeated Regis and Emmanuel 21-56-59 on Saturday, upping the team's record to 9-0. The squad's last dual meet of the season is this Saturday vs. Suffolk and St. Anselms at Franklin Park.

Men's Sailing — finished second out of nineteen at the Smith Trophy on Sunday. At the Wood Trophy Saturday, two MIT freshmen, Dave Lyons and John Lee, were first in their division.

Men's Soccer — dropped to 2-7 with a 3-1 loss to Holy Cross Friday. John English '83 scored the team's only goal.

The club plays varsity and club teams from local colleges. All games are held at home. Although the team has lost all five games so far this season, the players are not disappointed. Kenta Foss '83, a player on the team, said, "Basically, most of us are just beginning and intermediate players, and this is only our first season. The important thing is that we are all learning to play as a team, and we have a lot of

fun doing it."

The team practices three afternoons per week, and the coach is Mike Whitt '84. When asked about the future of the club, Flynn commented, "We hope to go varsity in a couple of years and get the club into some organized league." Although the season will soon be over, anyone who is interested in more information should still contact Anita Flynn at 864-7240.

The Student Center Committee (SCC) would like to thank the brothers of Lambda Chi Alpha (ΛΧΑ) fraternity for the co-sponsorship of the Atlantics/Lines party in DuPont.

NEW & USED HIFI.
BEST PRICES.

JANIS QUAD APT/HOLMAN NAD
ACOUSTAT NAKAMICHI HAFLER DYNACO
GRACE DYNAVECTOR REGA McIntOSH
BUY SELL TRADE CONSIGN RENT

Q AUDIO. 95 Vassar St. Cambridge, MA 547-2727.
Monday-Saturday 10-6 Mastercharge & Visa Welcome

CAPELLI By NORMAN
261 Newbury Street, Boston 02116

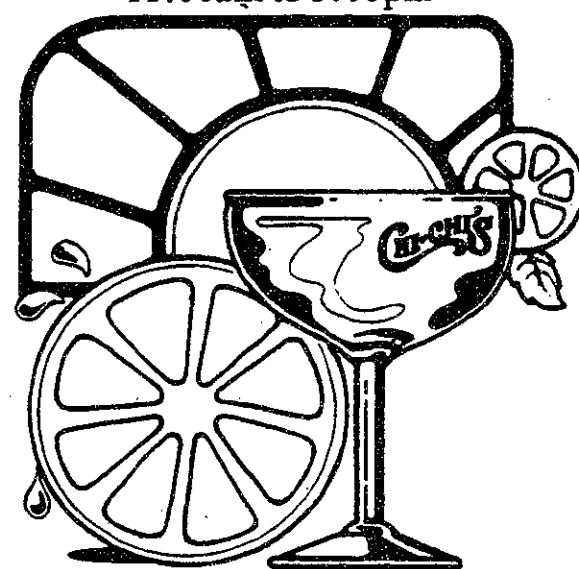
**INTRODUCTORY
OFFER**

for MIT Students

Fridays and Saturdays are
"MARGARITAVILLE"

at
Chi-Chi's

11:00am to 5:00pm



From Chi-Chi's own recipe comes a Margarita like you've never tasted. Served in a salt-rimmed goblet, it makes your every meal a south-of-the-border fiesta! And, it comes to you at \$1.00 off of our regular price of \$2.95 between 11:00am and 5:00pm on Fridays & Saturdays. Come, but be prepared not to waste away!

Don't forget late night happy hour with free appetizers:

Mon-Thurs 10pm-12pm
Fri & Sat 11-1
Sun 9-11

1001 Mass Ave
Cambridge MA 02138
(617) 491-2040

TEK CAREERS

19

October 1982						
S	M	T	W	T	F	S
					1	2
3	4	5	6	7	8	9
10	11	12	13	14	15	16
17	18	19	20	21	22	23
24	25	26	27	28	29	30
31						

**TEKTRONIX
OPEN HOUSE**

If your discipline is Electrical Engineering, Mechanical Engineering, Computer Science, or Physical Science, and you would like to learn more about Tektronix and its products, plan to attend our open house and product display from 6:00 to 8:00 p.m., building 4, room 153.

AN EQUAL OPPORTUNITY EMPLOYER M/F/H

Tektronix
COMMITTED TO EXCELLENCE

**JUST
\$1000**
FOR A SHAMPOO,
CUT & STYLE
Walk in or call
for an appointment
262-4160
Offer Expires December 18