

## Fac hears Gray on budget

By Paul Schindler

The MIT faculty, in their second meeting of the academic year, spent their time Wednesday afternoon listening to Chancellor Paul E. Gray and Professor of Nuclear Engineering Elias Gyftopoulos report.

The only action taken in their meeting was in executive session at the start, on a proposal by Gyftopoulos.

He suggested that the president and vice-president of the Undergraduate Association, the president of the Graduate Student Council, and the student members of the faculty Committee on Educational Policy be allowed to speak at faculty meetings. The proposal was adopted.

Gray then made his fifth budget presentation in the last two years to the faculty, and one observer termed its tone "gloomy."

Gray's major conclusion was,

that for the foreseeable future, MIT's income would grow more slowly than its expenses at a rate of 1 to 1.5 million dollars per year.

According to Gray, even if the Institute does not add any new programs, the operating gap will still grow.

"The reasons seem quite fundamental," he said, "Salaries and wages, half our budget, grow at a rate which exceeds by a significant margin the rates of growth we can foresee for tuition and for investment income."

Gray noted that salaries at MIT must rise faster than inflation if the Institute is to continue to compete for first-class universities.

He also said that gifts and grants seemed to have settled onto a "plateau" in recent years, for indirect costs.

Gray told the faculty that there is no realistic way to predict any "near-term growth"

in the level of gift and grant income.

The limits on tuition growth, according to Gray, are set by MIT's competition with other schools for students, the pressure rising tuition places on financial aid and student parents, and the effect of tuition on research costs.

He said that the institute must "endeavor to hold the rate of increase to the 5 or 6 percent per year range," even though this year's increase is 8 percent, as a result of extra-ordinary inflation pressure and increasing energy costs (See "Institute Tuition's Rising," *The Tech* October 16, 1973).

Contract allowances are an after-the-fact allocation of real known costs, so they grow at the same rate as costs do.

Investment income is unlikely, according to Gray, to grow much more than 2 to 3 percent per year in coming years.

This year's anticipated deficit, Gray said, is 7.1 million dollars, up from last year's 3.8 million. The major causes of the drastic increase, in spite of budget cutting efforts, is inflation and the divestment of Draper Labs.

The anticipated 3.8 million dollars in unrestricted gifts this year, plus the 1.1 million carried shortage of 2.2 million to be made up from Institute reserve funds for the first time in history.

Since the 2.2 million dollars is \$200,000 less than the non-recurring one-year cost of divesting Draper, Gray said, the use of reserves is "appropriate if regrettable."

After concluding that budget-trimming had already cut close to the bone, Gray called for a (Please turn to page 10)

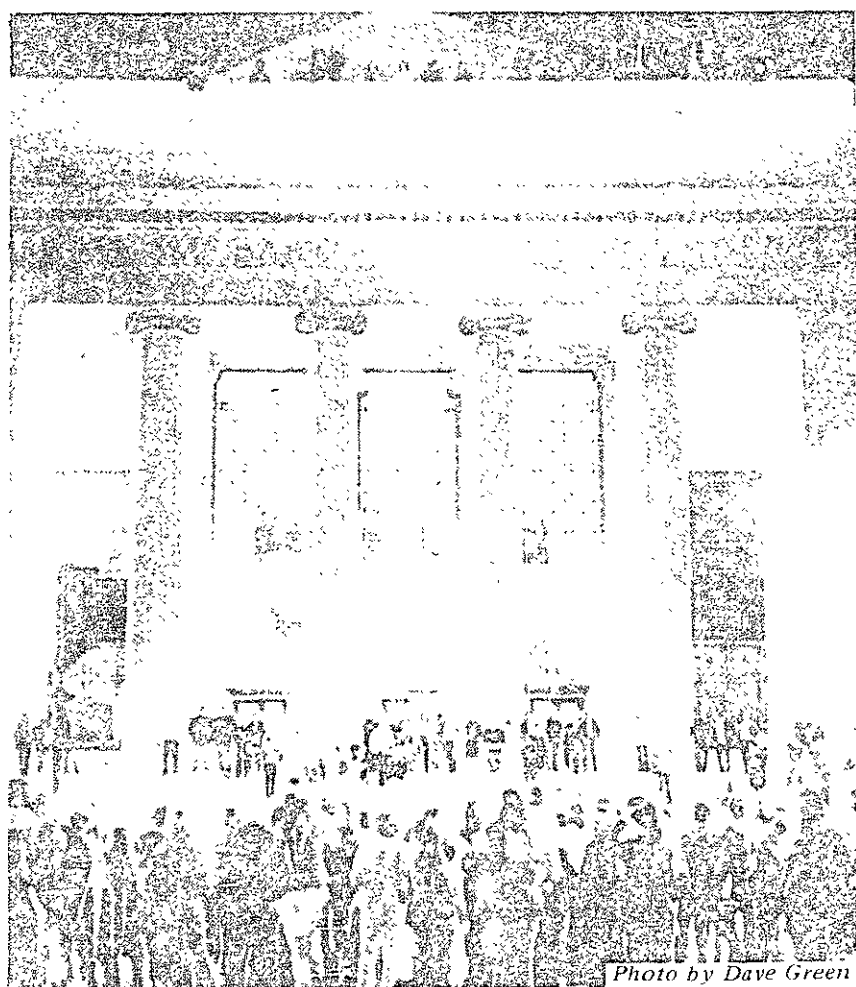


Photo by Dave Green

## 300 protest rise in tuition; rioters claim \$3350 TDM

Special to The Tech

By Frank Tonindy

The usual calm and quiet of MIT-after-dark was shattered Wednesday night, as approximately 300 students massed to protest the recent \$250 increase in tuition.

The riot, which observers said was the largest of the six that have been held in the last six years, was said to have commenced spontaneously at the Great Sail in front of the Green Building at 10pm.

The protestors then followed the traditional plan for such events: marching on the office of President Jerome Wiesner, blocking traffic at 77 Mass Ave.

"storming" McCormick Hall, and then moving down to the President's House, where Vice President-Without-Portfolio Constantine Simonides was the featured guest.

The riot was reportedly instigated by members of a campus media organization. Reliable sources told this reporter that the event was originally scheduled for Tuesday, but was postponed to allow Simonides and Wiesner to appear.

Simonides was reported to have been overheard saying "Where's Jerry?" when surrounded by a group of students. Wiesner did not appear.

(Please turn to page 5)

## Samp denies 5 of 22; at registration session

By Ken Davis

Five more MIT undergraduates were denied registration by Cambridge Election Commissioner Edward J. Samp. Seventeen people, several of whom were undergraduates, were registered during the session held in the Student Center West Lounge on Monday, October 15. Of the 17, ten were registered by Assistant Registrar Patricia Burns.

Those denied registration the right to appeal the decision before the entire Election Commission. All who were not allowed to register on Monday said they would appeal.

Among those who were not permitted to register was Sally Swigart '76. She said that, among other things, Samp asked her to show proof that she would make Cambridge her permanent home. Samp also asked her if she owned any property in Cambridge.

Samuel Nixon '77, also denied registration, said that he had been unable to prove to Samp's satisfaction his intention to live in Cambridge indefinitely.

David Sullivan, of the Cambridge Committee for

Voting Registration found it unusual that most of the undergraduates registered both at MIT and Harvard were seniors, who apparently would have a shorter residence expectancy than freshman. Samp explained this by saying that those seniors had been able to show that they had a job lined up for after graduation, or that they had a residence other than in a dormitory.

Sullivan urged all who were denied registration to appeal the decision. Their chances may be helped in the courts. The Massachusetts Civil Liberties Union is reopening a court case in Middlesex County Superior Court of three students who unsuccessfully tried to register in 1972. The MCLU is hoping for a definitive ruling from either the county court, or failing that, the State Court of Appeals.

Sullivan again attributed the low turnout to the publicity. "People won't come if they're going to be hassled," he stated.

David August '76, who was successfully registered by Burns, commented, "It's so arbitrary. If they're going to be ridiculous, they should be consistently ridiculous"

## Libraries find "shocking" losses

By Mike McNamee

A sample survey conducted this summer by the MIT Libraries revealed a "shocking" percentage of missing books, according to Director of Libraries Natalie N. Nicholson.

The survey, conducted in all nine of the Institute's libraries, shows that an average of 6.7% of the books acquired since 1962 are missing from the system.

The survey was based on a

sample of books which were filed under the Library of Congress system, which the Institute Libraries adopted in 1962. The sample was 36,000 volumes; the total number of books that meet these specifications is approximately 243,000.

Reports on similar surveys done at Indiana and Northwestern Universities show loss rates ranging from 0.9% to 3%. These surveys were based on smaller, more select collections than were examined in the MIT study.

Nicholson said, "There is some literature in library science on the problems of losses, but it is not extensive, and it's hard to

compare figures." She added that the problem is "one of increasing concern to librarians."

Assistant Director for Library Services Margaret A. Otto estimated the average cost of a volume comparable to those surveyed as approximately \$15. Processing of a new book costs almost an additional \$15, and processing a replacement book costs \$10. Otto estimated that removing a book that is missing from the catalogue system costs \$5.

User Inconvenience

"We are not as concerned with the cost of replacing the books as we are with the inconvenience." (Please turn to page 10)

## New comp-sci dept may not be needed

By Bert Halstead

The current computer science controversy is already far too close to becoming a computer science conflagration and this essay may only serve to dump more fuel on the fire, but, as a student majoring in the field, I feel it needs to be written.

Computer science is a unique discipline. It has much in common with applied mathematics, hence many universities include it as a part of their departments of applied mathematics. Another area of study with which computer science comes into close contact is what is known at MIT as "management." The study of management information systems, for example, interacts to a large extent with work being done in computer science.

(Please turn to page 2)



Photo by Dave Green

John Boone, former head of Massachusetts correctional facilities, spoke on prison reform this week at Wellesley College. Stating that "Reform begins in the communities," Boone said that the key to the question is fear: "Why are whites afraid of

blacks, blacks afraid of whites, and both afraid of the police? And why is everyone afraid of the government?" Boone also contended that he could have accomplished "full prison reforms" within two more months if he had not been fired.

# Is comp-sci controversy vital?

(Continued from page 1)

Another facet of the field of computer science may be called "applications programming." This involves, for example, analyzing data gathered in a political science study, or solving Schrodinger's equations for some particular case. In general, this involves no new research in computer science per se, though it may involve new discoveries in the application area of interest. Most of this work at MIT goes on in the application departments, and has little to do with the computer science faculty or curriculum.

A fourth area, which might be called "pure computer science," has little relation to any other field, except perhaps "pure mathematics." Included here are such topics as automata theory, theory of programming languages, and research into areas related to artificial intelligence, such as models for the representation of knowledge. Though most of this has no immediate application to problem areas, developments in this area have nonetheless been instrumental to the progress of the discipline of computer science as a whole, since a theoretical base has to be at the heart of any live discipline.

Finally, we come to the area of computer hardware. This is clearly the area in which the traditional discipline of electrical engineering is the most directly involved. The state of the art in computer hardware is obviously related to the state of the art of electrical engineering. It is also molded, however, by results from the computer theorists, as they come up with new concepts of how to build computer systems with desirable properties. Similarly, the available hardware modifies the directions in which computer theory proceeds. As new machines become possible, they must be studied and understood.

As has been previously noted, there are many universities at which the study of computer science is carried out within the department of applied mathematics. At many others, computer science is formally a separate department. There are few, if any, universities on a par with MIT where computer science is still (or has ever been) a part of the department of electrical engineering. It can be argued that the historical reason for this is that electrical engineers at MIT have been busy with computing machinery ever since such machines have existed, while perhaps some of the other schools only woke up much later to the importance of computer science. Whatever the reasons, they are not directly relevant to the current controversy.

It may indeed be true that the arguments against a Department of Computer Science are arguments against having depart-

ments at all. If the arguments turn out to be valid, however, there is no need to duplicate a mistake made twenty-four times already! Furthermore, although there are many areas of mutual interest between computer science and management, mathematics, and even psychology and linguistics, not to mention the weaker links to all the other application areas, it is unquestionable that, as they exist here at MIT, computer science and electrical engineering are intimately related. Splitting the department would cause a tough decision for many faculty, who work and teach in both areas.

What has not been clearly brought out in the discussion to date is the possibility that the breadth of the current Department of Electrical Engineering might be a strength, rather than a weakness. Speaking personally, a significant factor in my decision to attend MIT was the way computer science is taught here, which blended nicely with my range of interests. Of course, not everyone has the same interests, yet I am far from alone among the Course VI student body in my feelings. An unscientific poll of my colleagues in computer science reveals nobody who feels strongly that the department should be split, and some who feel fairly strongly that it should not.

As far as the question of professional identity is concerned, it seems perfectly reasonable that the current Department should be able to confer the title "Professor of Computer Science" (and perhaps also "Professor of Biomedical Engineering," "Professor of Circuit Design," "Professor of Plasma Physics," etc.) to members of the faculty who are upset about being called electrical engineers. It should not be necessary to split the department to achieve that result. Furthermore, the lack of "Professional identity" does not seem to have prevented MIT from accumulating an outstanding computer science faculty, nor does it seem to have discouraged large numbers of students from making that their field of study.

Another point concerns the VI-3 curriculum. The current curriculum illustrates many of the advantages of the close co-operation that exists between the two sections of the depart-

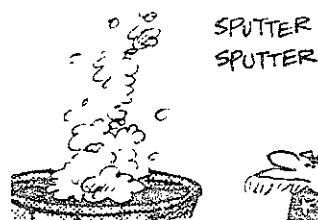
ment. A computer science major following the prescribed curriculum will get a reasonably integrated overview of electrical engineering theory and digital hardware, as well as an in-depth study of computer science. This is highly beneficial to those who are at all interested in all three areas.

Nevertheless it is true that there are many who do not want to know about electrical engineering as taught in 6.011, 6.012, and 6.015. For these people, there is already some provision for substituting subjects in another area. In any case, splitting the department would probably not result in major revisions to the VI-3 curriculum. The same men in charge of the computer science section of the department would presumably continue to be in charge of an independent computer science department. Furthermore, there is no reason to assume that the Department of Electrical Engineering is really all that inflexible about curriculum revisions. The introduction of the Bio-electrical Engineering Option should be some indication of the department's readiness to provide meaningful curricula to all its students.

None of these issues really has that much to do, then, with the question of splitting the department. Indeed, the question has many features in common with the on-again, off-again debate about whether or not New York City should become the fifty-first state. In both cases, facts alone are indecisive; in both cases, the matter is basically political. In fact, it seems to have arisen either from people who want to be department head (unlikely, since most of those who could be considered to be in the running have taken neutral positions) or else from personal differences, which should be settled by less dramatic means. Although the duty of the press is to keep the public informed, it is a disservice to the Department and to the Institute to publicize such relatively petty matters without providing the proper perspective. To use a hackneyed but appropriate cliché, the effect has been to make a mountain out of a molehill, for there are surely more important issues facing the Department.

One final observation should be made. *The Tech*, in an edito-

rial on Tuesday, said that "the maintenance of that quality [of the Electrical Engineering Department] requires some sort of change." Nothing is ever perfect, so there are always changes that can be made which will result in improvement, but the idea that Course VI has entered a crisis period, and will tumble into ruins if something drastic is not done immediately, is just plain wrong. Even if nothing whatever is done, the Department of Electrical Engineering is and will continue offering excellent education, and those associated with it can justifiably be proud. This is no reason for complacency, but any decision as far-reaching as forming a new department or a new school should be discussed in a cool, dispassionate, and rational manner, and not in the midst of the politics of choosing a new department head. The prudent course of action would be to get on with the business of selecting a new chief, then carefully evaluate the educational issues and grievances that have been raised, and only then make the requisite changes.



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# Hoffman cites requisites

By Bert Halstead

Professor Kenneth Hoffman, chairman of the Department of Mathematics, spoke to the Student Committee on Educational Policy about "Institute Requirements" Wednesday evening. Hoffman was the chairman of the MIT Commission, the most recent group to take a thorough look at the system of Institute requirements.

He began by identifying three basic questions: "What are the requirements now?" "How did they get to be what they are?" and "What ought they to be in the near future?" Apropos of the second question, a brief history of MIT was offered to the audience.

The history begins in 1916, when Boston Tech moved to Cambridge and became MIT. At that time, there were only two schools: Engineering and Architecture. Even though there was no formal School of Science, serious work in math, physics, and the humanities still went on, including such notables as Norbert Wiener, who came to MIT in 1920. In 1930, Karl Taylor Compton became president. He immediately began a program of emphasizing basic science more heavily, and the School of Science was born.

With the Second World War came the era of "high technology" as Hoffman calls it, which requires a theoretical understanding of the subject, as well as a knowledge of "engineering." It was during this period that MIT became more or less what it is today, and much of the pride people at MIT have in their institution dates from this period. Also with the war came graduate students (to what had been until then primarily an undergraduate school) and large volumes of research money, which has made possible a ratio of one faculty to every four undergraduates.

Up until this point the Institute requirements had been quite rigid and demanding. In 1949, the Commission took a thorough look at the system and suggested many improvements, some of which were implemented. As a result of its work, the humanities requirement was changed from such subjects as "English Composition" and "History" to its present structure, and the School of Humanities and Social Science was created.

The next look at the requirements was by a committee

chaired by Professor Jerrold Zacharias in 1964. As a result of its deliberations, some of the Institute requirements were effectively cut in half (from two years of mathematics and physics to one). This was part of a general trend, operative ever since the Lewis report, of reducing the rigor of the core requirements. Four years later, the French Task Force recommended a lightening of the chemistry requirement, but that never came to pass. And in 1969-1971, the Commission on MIT Education, of which Hoffman was the chairman, investigated the matter but came to few conclusions.

Hoffman broke the current Institute requirements into four pieces: 60 units of basic science (8.01, 18.01, etc.), 72 units of humanities and social science, 48 units comprising the science distribution and laboratory requirements, and, last but not most, 180 units of departmental requirements. Hoffman stated that the basic premise underlying all of this, and it is a premise to be thought about, is that "a B.S.

degree from MIT is supposed to represent something technical skill, intellectual maturation, and exposure to the MIT ethos" which he defined as "hard analysis, sweat and compassion."

Hoffman then moved on to discuss "Where do we go from here?" The first question he asked was, "Why go anywhere?" Why not be satisfied with the structure as it is? One dissatisfied group wants to see a further liberalization of the requirements. Hoffman characterized this group as "not very strong, and getting weaker." On the other hand, there is growing concern about the humanities requirement. Among the problems here is a gap between the stated purposes of the humanities requirement and what is actually going on. Another problem is growing student demand for more freedom of choice and more intellectually demanding humanities courses, according to Hoffman.

The talk was followed by a wide-ranging discussion between Hoffman and members of the committee.

## MIT -----

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There will be hearings for the COMMITTEEs on:

Oct. 24 - Curriculum

Oct. 29 - I.A.P. Policy

(Chairman: Michael Feld x3-7700)

Oct. 29 - I.A.P. Finance Awards

(Chairman: Chuck Barringer x3-3294)

Oct. 31 - Compton Lecture Series

(Chairman: Dana Clouatte 247-8691)

Oct. 31 - Talbot House

(Chairman: Jon Hartshorne x3-7974)

For more information about the above committees, please call the listed chairman.

All those undergraduates interested in applying for the above committees must schedule a hearing at Room 403 of the Student Center, x3-2696, no later than 4pm the day of the interview.

THE NOMINATIONS COMMITTEE

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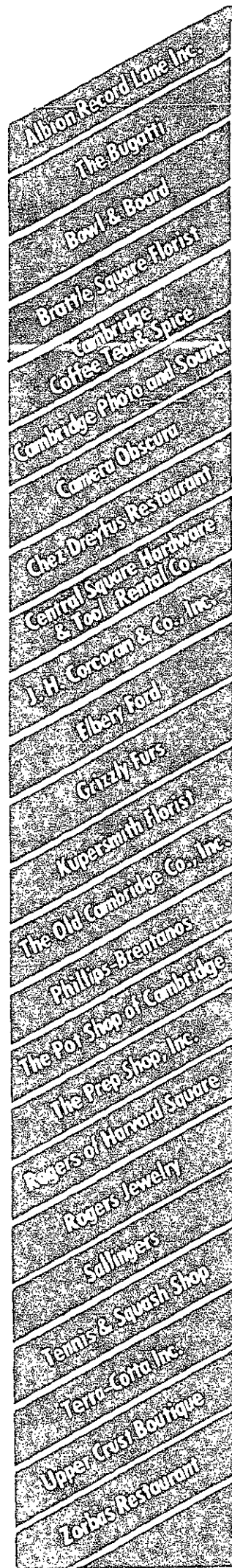
Eugene Ormandy

works to be performed include:

Rossini *Stabat Mater* with Giulini

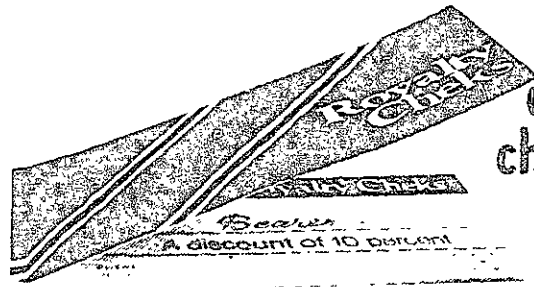
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## Commentary

## The Israelis: nationalistic or racists?

By David Ozonoff

(Dr. David Ozonoff, MD, is a research associate in the Cognitive Information/Processing Group of the MIT Research Laboratory of Electronics.)

For the 5½ years I have been here in the MIT community I have resisted writing this letter. My reasons have not always been praiseworthy: a fear of offending and alienating valued friends, colleagues and students; a wish not to subject myself to the inevitable letters and phone-calls from the bigots who seize on any such opportunity to ventilate (usually anonymously) their most cherished emotions; a feeling of helplessness and isolation that told me any public declaration on this emotional and volatile issue would be fruitless. But I have now changed my mind.

Dertainly the new round of fighting in the Middle-East forms part of the background for this decision. And here at home, Boston University's denial of promised facilities to an anti-Zionist group that merely sought a public forum for their views does also. And so too do the actions of the chairman of the MIT Engineering School's largest department in putting pressure on his Jewish faculty members to "give till it hurts" to the Israel Emergency Fund. Yet none of these things are new or novel, Middle-East violence, even without war, is implicit in the reality of military occupation and the brutal repression of internal dissent. While in America, the suppression of unpopular viewpoints by ideological institutions of the State, whether they be universities like Boston University, the media, or the legal system, is a commonplace. And the arrogant abuse of power and authority by a lowly MIT department head is too familiar to warrant surprise in this age of Watergate; Thus while none of these things, singly or together, can be truly said to alter the fundamental state of affairs, neither can they be said to claim by silence. Although this statement is a personal one, I know it to be shared by a number of others in this community, some of whom have already spoken up, some of whom have not.

I want to as clear and unequivocal as possible. In doing so I will leave aside historical claim and counter-claim and deal principally with the underlying issues that have forced me to take the stand I have, despite my Jewish origins.

First, I am committed to oppose any ideology which puts the interests of a particular religious group ahead of all others. I consider it a thoroughly racist notion that any religion or race should be entitled to hegemony in a particular geographical or national entity. That this is in fact the ideological nub of Zionism is something for which the documentation, both historical and contemporary, is too vast for any complete citation. Rabbi Arthur Hertzberg's admirable anthology of Zionist writings, "The Zionist Idea" will allow anyone to verify this for him or herself. I shall let former MIT (now Brandeis) political scientist Leonard Fein (himself a leading American Zionist), summarize for me (from his book "Politics in Israel," pg 61):

"For in the final analysis, both Jew and Arab are aware that the Arabs are not truly welcome. Few Jewish tears would be shed were all of Israel's Arabs voluntarily to leave the country. Israel's ideology, however much it has come to be an ideology of nationalism, is still a Jewish ideology, in which the Arabs have no role to play. Efforts made prior to the States's establishment to move towards some kind of binational polity, based on communal autonomy, have long since become irrelevant. It is quite clear that, at least as far ahead as we can see, no Arab could occupy a major cabinet position. But at the heart of the matter it is not at all clear that, according to Israel's public ethics, an Arab *should* [emphasis his] be able to hold such a position. In the United States, where until recently no Negro could have been appointed to the cabinet, the public ethic suffers no such confusion: any American has the right to such an appointment. The Israel dilemma is that the very powerful ethic of equal opportunity and full political equality

must compete against the equally powerful ethic of a Jewish State. It is not a question of simple bigotry, in the sense in which the American South, for example, has known bigotry, nor a sham defense of 'separate but equal' facilities. Rather, the notion of an Arab President of Israel is rejected by the Jewish population because of its historic impropriety, because it would introduce fundamental doubts about the reasoning behind Zionism and about the most basic understandings of what Israel and Israeliness mean."

I will resist the temptation to say more on this point, because I think that Professor Fein has made the main thrust clear. I know many will disagree with my conclusion. But I do not think I will be misunderstood and labeled an "anti-Semite" because my consistent hatred of racism leads me to an anti-Zionist.

Secondly, I take a firm stand against imperialism. This is a stand that opposes me not only to Israel (to confine myself to the Middle-East) but to the pro-imperialist Arab nations as well. But the government of Israel, as much as any in the area, has consistently taken a stand and made alliances that are diametrically opposed to those that I feel obliged to support. Like many others, I fought hard and long against America's involvement in the Viet-Nam War. I considered that war to be the grossest and most obvious form of imperialism and I opposed it as much on that basis as on any other. Yet at every step of the way, Israel vigorously supported US actions, and today is engaged in advising the Thieu regime on "security" matters. Nor is this an isolated instance. The Israeli diamond industry is one of South Africa's largest customers,

while it at the same time has the closest and most beneficial of ties with some of the area's most reactionary states, including Iran, Turkey and Greece. This list could, of course, be greatly extended, but again, I believe, my point is clear. It has been clear for a long time to the non-Jewish right-wing supporters of Israel such as Richard Nixon, Henry Jackson, and Ronald Reagan. The pity is that it has not been so clear to America's left leaning young Jewish community.

Lastly, I take a stand firmly with the Palestinian Arabs and Jewish minority who have fought so stubbornly against the racism, repression, and attempted genocide that has characterized the last many decades in the area once called Palestine. Whether at the hands of the Israeli military authorities, or their accomplice, the "butcher of Amman" as King Hussein is so fondly known by his unwilling subjects, their struggle seems to me the only just one worthy of my support. That the national aspirations of the Syrian, Egyptian, and Jordanian peoples are legitimately involved in the current fighting which seeks to win back territory seized militarily by Israel in 1967 cannot be doubted. But it is to the dispossessed millions of the new Palestinian Diaspora that my true support is given. May they, together with their Jewish brothers and sisters in Israel, eventually succeed in wresting the power from those whose cynical manipulations of cherished ideals serve only to keep the majority in thrall to those whose interests do not coincide with their own.

David Ozonoff, M.D.

Research Associate, Cognitive Information/Processing Group, RLE

## MIT Arab Club statement

(The following statement was submitted to The Tech by members of the MIT Arab Club. - Ed.)

On October 11, 1973 a teach-in on the Middle East was sponsored by the May 15th Coalition to discuss the meaning and implications of the current war in the Middle East. The May 15th Coalition is a group of Boston area Organizations that includes, among others, the Arab Club at MIT, the Pakistani Students Club at MIT, and the Israeli Revolutionary Action Committee Abroad.\* Individually, it includes Americans, Arabs, Israelis, and other people from the Middle East, coming from Jewish, Christian, Moslem, and other backgrounds.

Upon the announcement of the meeting (that was to take place at 7:30pm at the Boston University Law Auditorium), the Boston area Jewish Defense League, a group long notorious for its hooligan and brown shirt tactics, threatened several of the groups as well as individuals, declaring that "the meeting would not take place."

However, the May 15th Coalition was determined that the meeting would take place, and solicited the support of all those who believe in freedom of speech. In just one day, the forthcoming support was overwhelming: a letter printed in the Oct 11 issue of *Thursday* was signed by many of the faculty of BU, MIT, and Harvard, including several department heads at Boston University and an Institute Professor at MIT.

Despite this clear support, Boston University, after granting permission for the meeting to take place, withdrew this permission on the same day of the lecture, claiming that threats of violence from Jewish groups (they would not say whom) had compelled them to retract their offer of a room. Policemen were on hand to enforce that decision.

The May 15th Coalition condemns the cowardly capitulation of the BU administration to these brown shirt tactics, noting it as a great setback for democratic rights. But in spite of this, the Coalition

held the lecture anyway in the BU Union Lounge, and it met with great success.

The Arab Students Club at MIT is very concerned about this series of past events. We are confident that even though the American people may or may not understand the situation in the Middle East, there is one thing that they do understand and will condemn quite clearly, and that is the suppression of a person's right to express his political views.

We call upon the entire MIT Community, in the same spirit of concern and support that they have shown for those abroad that have been suppressed for their political views, not to close their eyes to a similar attempt to achieve the same objectives at home. We call for a round condemnation from all those in the MIT Community in order to put the Jewish Defense League's bankrupt practices out of business, and to make it clear to that gang that these tactics are not welcome in this community or this country.

\*Middle East Research and Information Project, Search for Justice and Equality in Palestine, the Socialist Workers Party, the MIT Arab Club, the Iranian Student Association, the Pakistani Student Association of MIT, the Israeli Revolutionary Action Committee Abroad.

The United States is currently in the midst of a number of political crises, eroding public confidence in government and those who direct the policies of the country. Political scientists Walter Dean Burnham and Jeffery Pressman will direct themselves to these and other issues in a seminar on "Contemporary American Political Crises" today in the Miliken Room, E53-482, from 12-2pm.

The seminar is open to all members of the MIT Community, and interested persons are encouraged to bring their own lunches and hear Burnham and Pressman discuss the Nation's state of affairs.

## MIT and student activism

By Curtis Reeves

(Curtis Reeves is former president of the MIT Undergraduate Association.)

In four years of MIT, one hears a lot about student interest and apathy, one reads a lot in student newspapers about this opening or that showing to which students were not invited.

Student politicians hear, and say, quite a lot about apathy. Indeed, it touches them very deeply, on a very personal level. The traditional politician, your UAP or Nominations Committee chairman, sees a disinterest in his work that is downright disheartening. He wonders why people, whose money he is spending, and whose name he is either uplifting or tarnishing, don't care what he does, good or bad.

Fighters for a cause wonder why it's so hard to get people to wake up to the thousands of ways the Institute is screwing them.

The answer is simple, obvious: the great majority of MIT students are not getting screwed. And this is not particularly to applaud the faculty or administration, except to say that the undying commitment to education and learning, that is shared by students, faculty and administration alike, is MIT's prime concern. And that is as it should be.

Student government, student newspapers, and that part of the administration set up for placating them, are mere diversions though, granted, necessary ones.

A more difficult problem, and one that is less rare, is that of student input into tenure decisions and other departmental issues. The case for the right of the student to give input may be strong, but the typical interest is not. For example, in perhaps the most widely publicized case of the last year or two, Prof. John Graves of the Philosophy Department was denied tenure, amid loud protests by parties in several corners of the Institute. In the final analysis, those corners contained a few people with loud mouths.

Graves, who, among other things, chaired the most recent committee to report on student housing, had only a few letters written in his behalf, even though he is widely regarded as one of the best teachers on campus.

Back on the home front is the good old Undergraduate Association. UA

Presidents for years have been trying to cope with the lack of a broad based student movement to justify their existence. Yet, several hundred undergraduates each year vote in the UA elections, indicating that at least a few people want a continuance of the UA status quo, perhaps with a few modifications.

It is clear from post-election events of many years that not all of the voters in UA elections are gung-ho for student government. They seem to be admitting that there is such a thing as student government and saying, "well, if you guys want to play around then I might as well have a say in who gets to play."

The way for a UAP to operate is to do what he can with what staff he can amass, soliciting help, but not ranting and not being disappointed if he doesn't get a crowd banging on his door.

The point is this: MIT students have devoted themselves to the serious task of getting a good academic education, and the faculty and staff are very good at providing this kind of training. While this is not the only kind of experience that the MIT student seeks or needs, it is this, primarily, to which he has given himself over for a number of years. Activism and apathy are questions for the extra-curricular activities, and, as such, should take a back seat.

Continuous News Service

The Tech

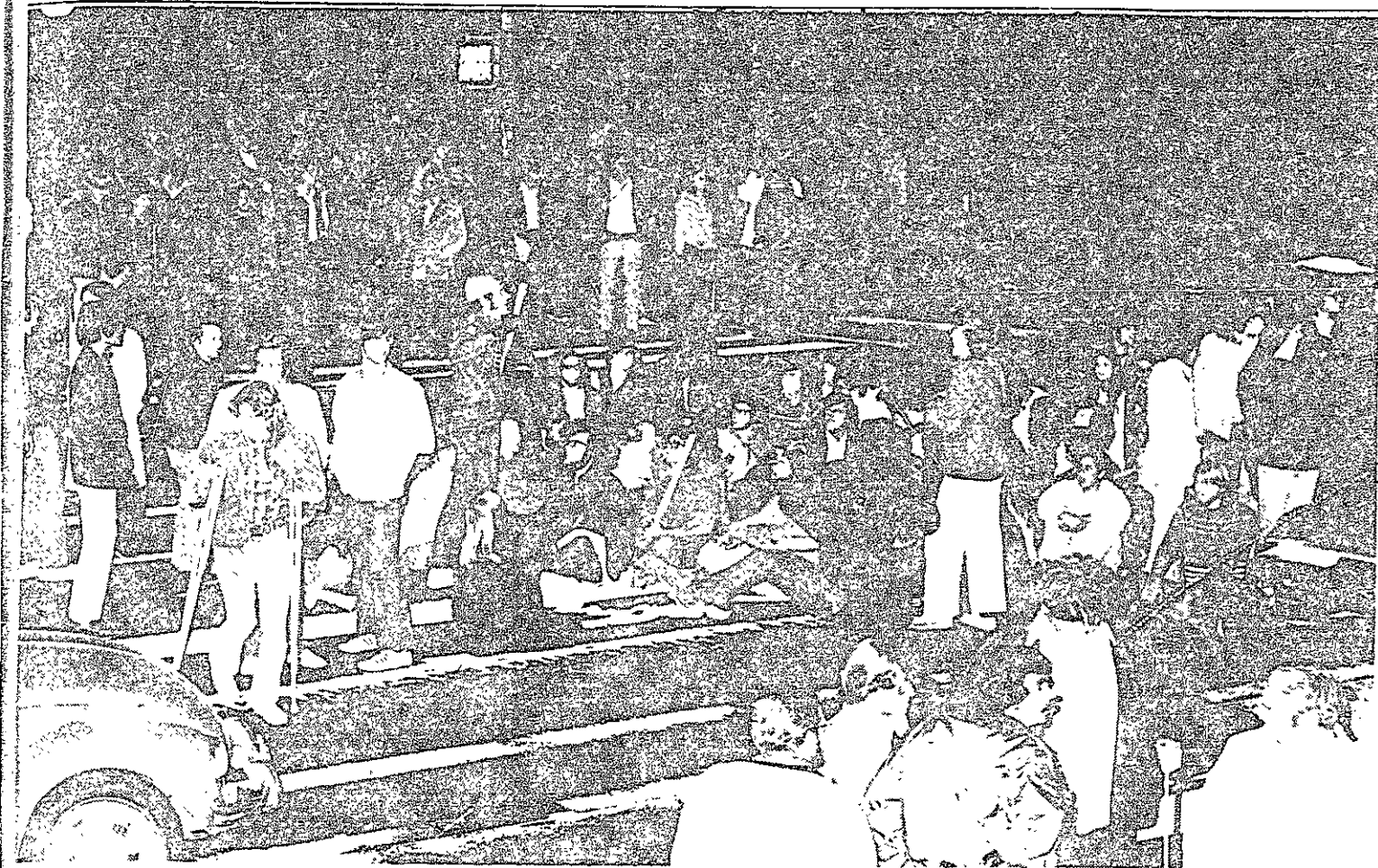
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\*\*\*\* TUITION RIOT 1973: "\$3350, Too Damn Much!" \*\*\*\*

Photos by Richard Rehl and Dave Green

(Continued from page 1)

At the President's House, Simonides appeared and was asked to speak. Stating the "Alumni are not rich enough... parents are too poor..." he slipped off the hook. A bottle of water from the Charles River was then poured on the doorstep in a symbolic gesture.

The crowd, which had been reduced to approximately 150, then broke with tradition by returning to the Great Hall and trying to storm the Green Building. The Campus Patrol prevented all but approximately 20 from entering, but those who gained entrance went to the roof of the building and threw down paper airplanes, toilet paper, and firecrackers. After about twenty minutes, they were persuaded to leave by Simonides, who is reported to have told them, "Anyone here overnight will freeze to death."

Casualties were light; several people were struck by thrown rolls of Springfield

Oval. The only damage done by the protestors was a small hole which was burnt in the canopy over the entrance to the President's House, apparently by sparks from a firecracker.

Administration sources denied that the lock on the door to the President's office, Rm3-208, is being changed.

Guests from the administration included Simonides, Associate Dean for Student Affairs Robert J. Holden, Vice President for Administration and Personnel John Wynne and his assistant James Culliton.

According to several observers, the riot was larger than average, and more successful at accomplishing its objectives. Traffic was completely stopped on Mass Ave several times, at least two of which were during green lights. Campus Patrolmen struggled unsuccessfully to prevent a sit-down in the middle of the crossing, but kept traffic moving around it.



# STUDENT CENTER COMMITTEE

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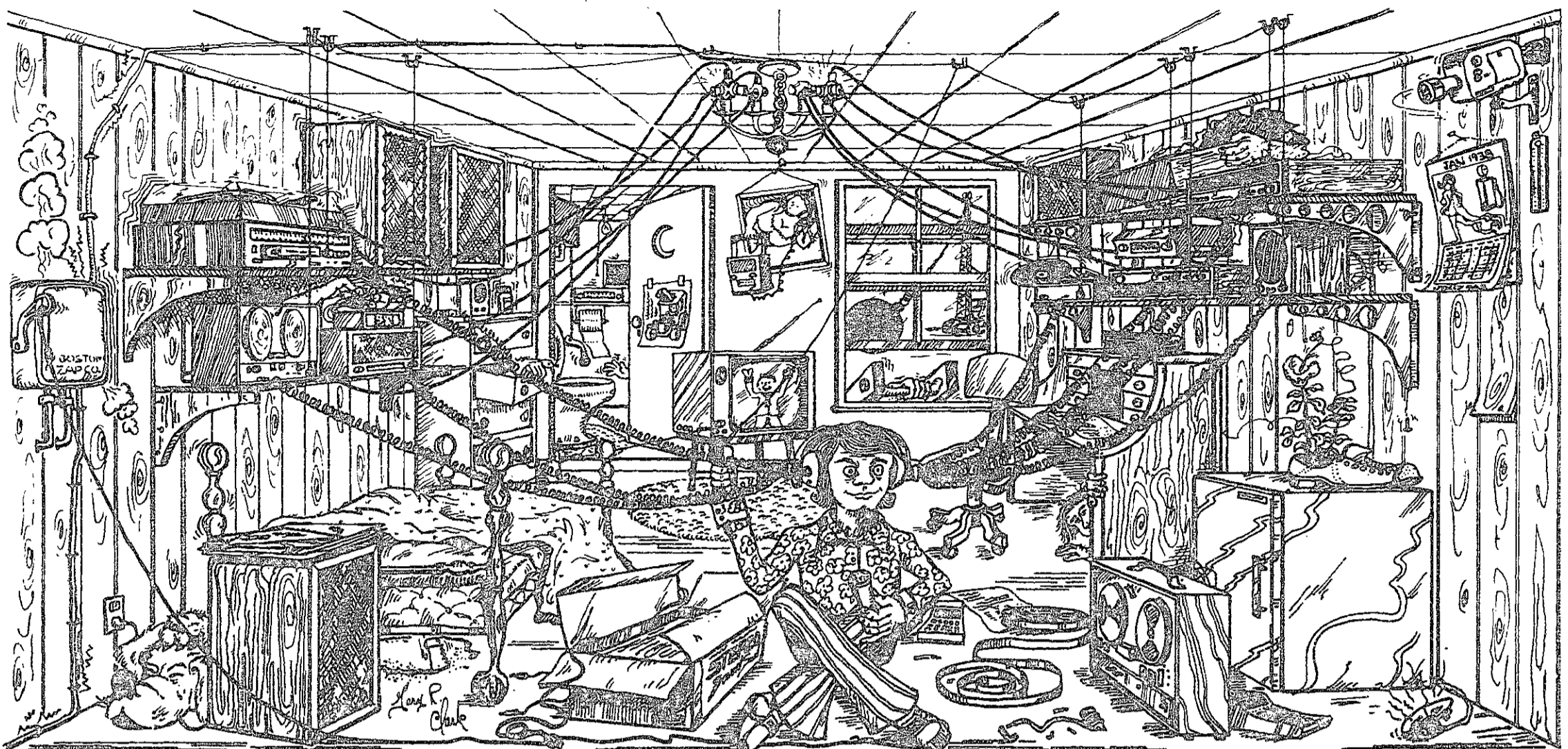
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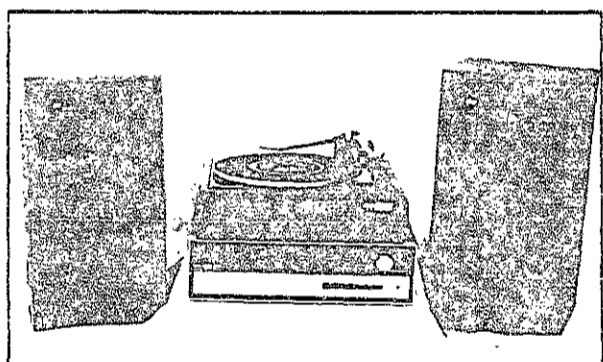
## MEMBERSHIP

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work on the ones we already have, or if you are just  
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by our office (Room 347 of the Student Center),  
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one of our meetings (usually 7:30 every Sunday).



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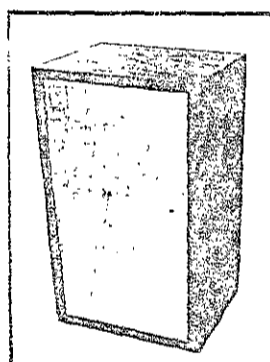
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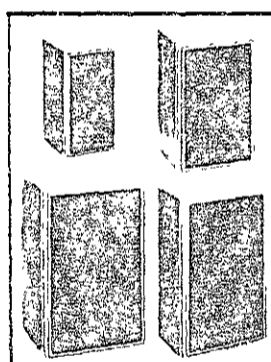
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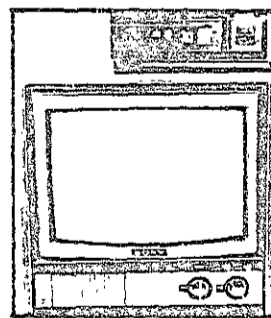
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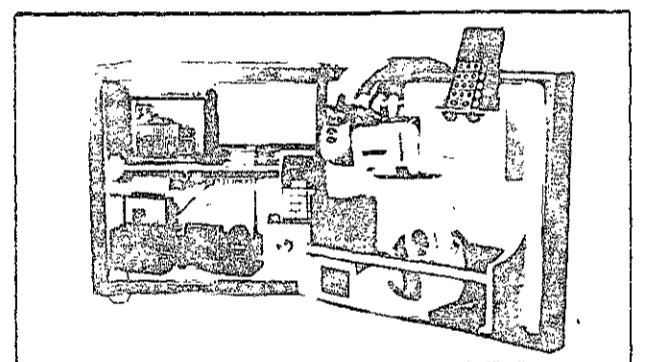
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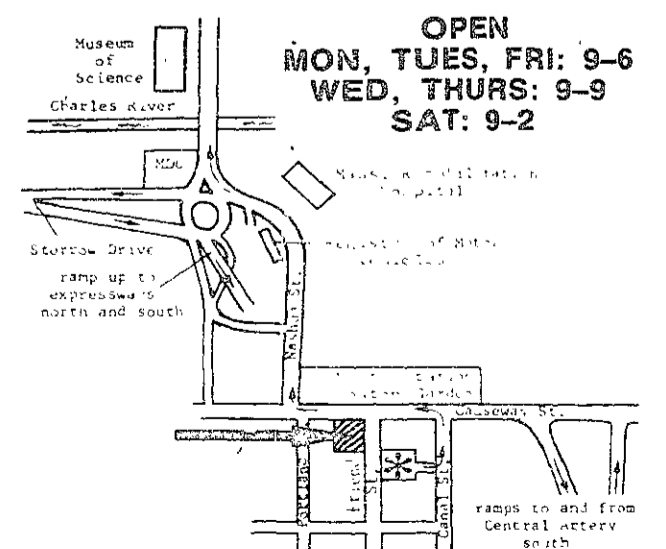
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# the tech arts section

## Gilt-edged

### limey flash

by Mark Astoffi

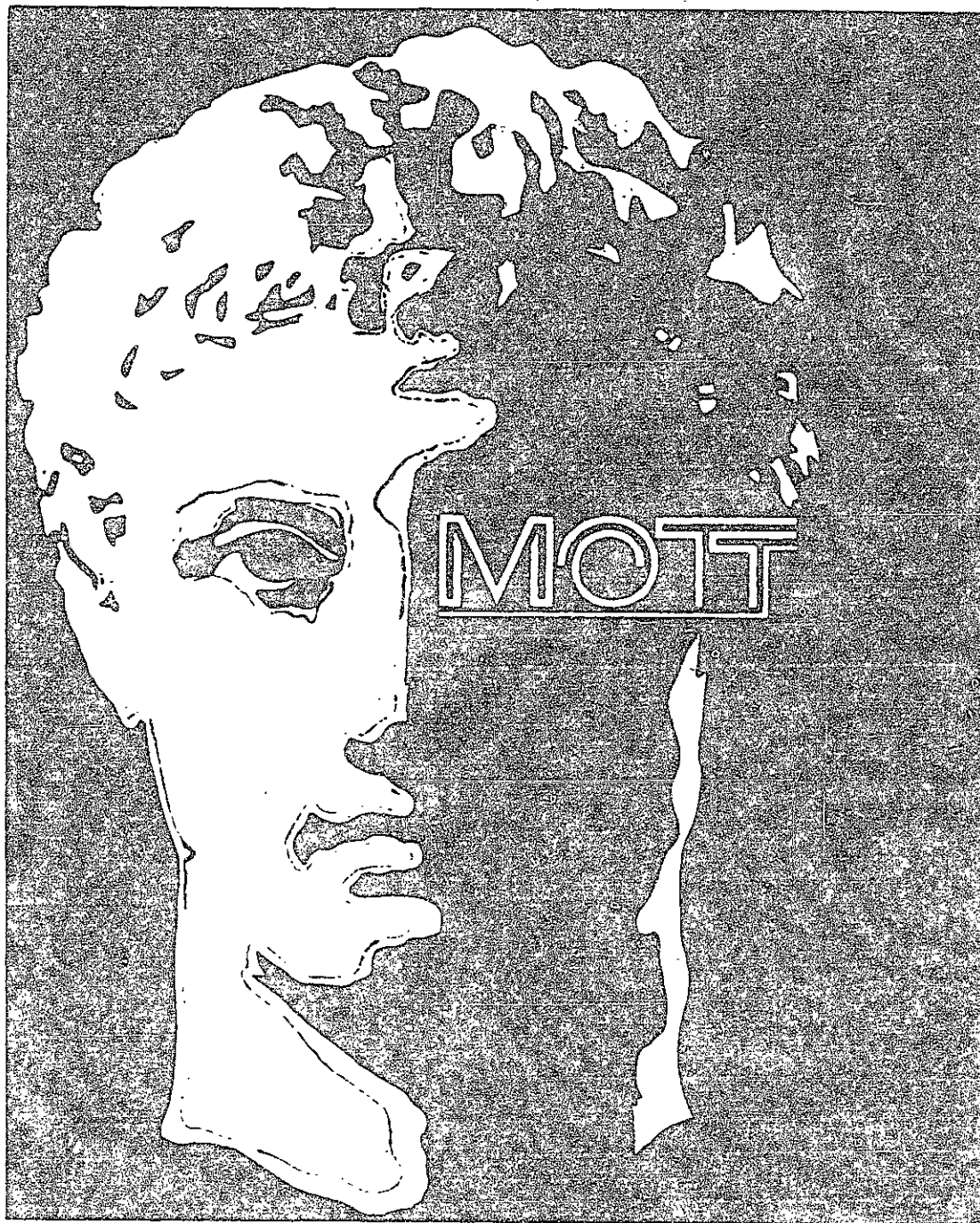
*Mott* — Mott the Hoople (Columbia)

*Mott* is a superb album, one of the very best of the year, and Mott the Hoople (named after Willard Manus' 1966 novel *Mott, The Hoople*) is, or was for a brief flash of time, the best rock band in England. The problem is, the epidemic of member replacements and defections that has been raging rampant among British bands (Faces, Deep Purple, Free, Wings) has hit the Hoople. The line-up on *Mott* is the original Hoople minus Verden Allen who departed trailing his sneering organ, once a Mott the Hoople trademark, behind him. It's just as well, Verd, nuthin' personal, but your glissandro licks belonged to an earlier, undisciplined Hoople. Now, however, guitarist Mick Ralphs has split, replaced temporarily by Luther Grosvenor (ex- of Spooky Tooth and Stealers' Wheel), and permanently by Ariel Bender (Who? Who knows...) Mick is a mainstay on *Mott* and it is not hard to imagine the next Hoople album a musical disaster. Or maybe Ariel will take the band to new heights (heh,heh), who can say. It'll be torture waiting to see.

Two albums ago, Mott the Hoople was down to stems and seeds. Despite the fact that *Brain Capers* was being praised in the rock press as the epitome of all they'd done before, they were discouraged and ready to call it quits. Then came Bowie. He told them, look, you're one of me faves, don't quit, here, I'll write you a hit single. "All the Young Dudes," the androgynous Sunset Blvd. monster-mash flash anthem followed. Mott was through with Atlantic, signed with Columbia, and came out with *All the Young Dudes*, their first unqualified masterpiece. On *Brain Capers*, they were indulgent, unorganized, sprawling. On *Dudes*, thanks to Bowie's expert production work, the band emerged leaner, more powerful, more confident, with structure, purpose. And all that was good about *Dudes*, is better on *Mott*. The band does the production chores, but there was no actual break with Bowie; he was away in Japan when the album was being made. When you read phrases like "beautiful melodies," "thoughtful arrangements," "humorous, pointed lyrics," I must impress on you the fact that I'm writing about powerful, wide-open rock and roll. They lean on Mick Ralph's guitar now, instead of Allen's organ, and Ian Hunter's instantly recognizable vocals. Buffin on drums and Overend on bass are like the Starr-McCartney rhythm section, tight, just right, never flashy or overbearing. But the sound is a bit more varied than on *Dudes*, thanks to Mick's Moogatron, Bill Price's Moog, Paul Buckmaster's electric cello, Graham Preskitt's "insane violin," and, best of all, Roxy Music's Andy Mackay on saxes.

Like past Hoople albums, side one is the stronger, with not a soft spot in 20 minutes and five tracks. Things begin with "All the Way From Memphis," sort of a Dave Bowie's Spiders meet Roy Wood's Wizzard lampoon, and the best argument for the Hoople's retaining a full-time sax man, and what with Roxy Music crumbling (Eno's left, Brian Ferry's readying a solo LP), Andy Mackay get's my vote.

"Whizz Kid," a hymn to a groupie, has some Bowie-esque vocal backing, a tastefully exquisite Moog break, and has to be a single. We'll see how long Lobo and Paul Simon can last with things like this bitin' at their butts. Next comes a slow 'un, "Hymn For the Dudes," a playfully ambivalent possible poke at Bowie, especially the line (almost spoken) "You ain't the nazz... you're just a buzz, some kinda temporary." (Recall: Dave's line "He was the nazz, with God-given ass" on "Ziggy Stardust," from the album of the same name; and Dave's first heavy metal band was called the Buzz.)



Then "Honoloochie Boogie." This could well be the best thing Mott the Hoople's ever done. It is the perfect rock single, as catchy and anthem-like as was "All the Young Dudes," but danceable where "Dudes" wasn't. It's the story of a back street stray who's life is saved by his friend "a screw-driver jiver... he has converted me to rock and roll." Then, the narrator goes on to turn another friend onto rock; they all just wanna dance to... It all comes together with Mackay's sax, Buckmaster's cellos, incredible. The side closes with "Violence." Nice and nasty, this 'un. "Head for your hole, you're sick and you're old," this is *Mott's Clockwork Orange* tune, with a chorus that pokes fun at, of all people, the bizzaro Angloese Sparks.

Side two slows down some, but is highlighted by some inspired Ralphs guitarwork on "Drivin' Sister" (*Mott's* only "Brown Sugar" derivative) and "I'm a Cadillac/El Camino Dolo Rosso," which he penned.

Artistically, no band in England can touch 'em, except perhaps Wizzard, or the Stones on a good day. (In the studio, that is. Live, they aren't nearly so together, although far from boring.) As I mentioned above, the steadily rising quality of Mott the Hoople's music may be at an end as a result of line-up juggling. So get 'em while they last. You can't dislike *Mott's* gilt-edged limey flash. On the rocks.

## A Doll's House in Kresge

by P.E. Schindler, Jr.

Henrik Ibsen's *A Doll's House* was performed by the MIT Community Player's in the Kresge Little Theater for three packed performances the first weekend of November.

Since people were essentially buying an unknown quantity in the performances (as is always the case in one week runs, with no reviews and no word of mouth), one has to presume they were buying the play. They got quality in both cases.

The performances were uneven. Karen Matson, as Nora Helver, provided an inappropriate characterization in the first act, rushing lines, and moving through stage business at a lightning pace. The second act was a great improvement, and by the end of the play, her performance was much easier to enjoy.

Torvald, played by Wallace Knox, doesn't have much of a part to perform, but Knox does the best he can with his great moment in the play, a manic depressive kind of scene in which he is ready at the one moment to ruin his wife's life, and at the next to have a reconciliation.

But in the case of *A Doll's House*, the play's the thing, and Community Player's version, as directed by Lee Barton, does not deviate from the basic women's liberation message.

Ibsen, according to the notes provided with the program, was a fervent personal believer in human rights (which of course includes women's rights) and acted on that belief at a club he belonged to during the winter of 1878-79 as he wrote the play.

Not content to keep still when the Scandanavian Club voted against giving women the vote in club affairs, Ibsen made a scene at a club party, cursing the men for their vote and the women for their docility.

He does the same thing, only more powerfully, on the stage with his play. For two and three-quarter acts, we watch the air-headed wife lay down her life and her personality in sacrifice to her husband, only to have her sacrifice thrown in her face by him.

Yet in the end, with a door slam heard around the world (although the door could not be slammed very loudly on the set constructed in the Little Theater) Nora proves herself to be an independent human being, just in the nick of time.

Also worthy of special note are Krogstad, played by Randolph Meston, whose love for his long-lost fiancee seemed unconvincing (but that was the only fault in his performance), and Tom Gilligan, who looked, acted and sounded as if he were old enough to be Dr. Rank, even if his love also seemed unconvincing.

Appearing in the cast in addition were: Andrea Gordon as Helene, Jane Martell Howard as Anne-Marie, and Lin Kosy as Mrs. Linde.

## Journeying with Matthew Fisher

by John Krout

*Journey's End* — Matthew Fisher (RCA)

I always wondered where this guy went off to.

Matthew Fisher was the original organist of Procol Harum, the man who "organ-ized" the magnificent Bach rip-off in "A Whiter Shade of Pale" and traded themes back and forth with Procol pianist Gary Brooker on three fine albums before leaving for... where? I still don't know. It really doesn't matter, though, for he's come to his *Journey's End* in fine style.

Listening to this album easily brings to mind the first Procol Harum album (entitled *Procol Harum* or, in a later release, *A Whiter Shade of Pale*). Fisher's organ work, the heart of all his compositions then and now, is seldom frontal attack flash *a la* Keith Emerson, but more often a subtle classical intensity which seems to float somewhere *up there*, which inspires seditious visions of absurd grandeur that are hard to forget. If you ever had the feeling that Procol Harum was putting you on, Matthew Fisher was behind it.

One of the two instrumentals of *Journey's End* is the outstanding example of this unique Fisher musical touch. Entitled "Separation," it turns out to be the theme from the film of the same name. Film? What film? If anyone has seen *Separation*, I'd like to know. Incidentally, another song, called "Salad Days Are Here Again," from the film can be heard on the six-year-old *Pale* first album.

Fisher also gets in some good straight-ahead rock stuff which I'd enjoy hearing on the radio; my money would go for "Suzanne" as a sure-fire single. Another, "Marie," might work as well — both are bouncy love's-labors-lost tracks. Whether the topic is a female or, more often, the epilogue of emotions to the split with Procol Harum, the vocals are marked with a tone of innocence which is as distinctively Fisher's as is the music. The lyrics, in contrast, are the major failing of the album; only, though, in that they are not outstanding. Yet they don't get in the way either.

Matthew Fisher capture an interesting set of moods within these grooves. Both powerful and subtle, he is an artist who will truly please you if given the chance. Don't pass up this opportunity.

## Chasing paper— at MIT, too

by P.E. Schindler, Jr.

*Paper Chase* was filmed at Harvard Law School, a little, but mostly in Toronto, Canada. Although the trailers you may have seen for this film at other films belabor the title, the film itself does not.

Only once, as you watch the unwinding agony of a first year student at Harvard Law School (In a film based on a book written by a first year law student) are you reminded of the derivation of the title.

The student, Timothy Bottoms (*Johnny Get Your Gun, Last Picture Show*) is having an affair with his Contract Law Professor's (John Housman, of Orson Welle's Mercury Theater and much else) daughter (Lindsay Wagner).

He has been asked by the professor to do a paper to supplement a treatise. The paper comes in late: the law student fails, and is heartbroken. His girl friend berates him for being broken, and compares his "piece of paper" from Harvard Law with the toilet paper she is buying in the supermarket they are in.

The film tends to run that way,

[Continued on page 8]

# kiss this

mark astolfi

The New New Season, Part 2: One of the more interesting experiments of the new TV season is *The New Perry Mason*, originally titled *The New Adventures of Perry Mason*. If this one makes it, it'll be because of the supporting cast: they shine. Sharon Acker, as Della Street, is both wise and pretty, and Albert Stratton, in the role of Paul Drake, is aggressive, at times menacing. In the old *Perry Mason*, Dela and Paul were little more than pieces of furniture; here, they bolster a sagging Perry. Monte Markham, a sitcom double-retread (having bombed with *Mr. Deeds Goes To Town* and *The Second Hundred Years*) is unconvincing, wooden; his overly serious scowls and perpetually knit brow seem forced and unnatural. He's playing Raymond Burr, not Perry Mason. Naturally, *The New Perry Mason* attains a higher level of video sophistication than was ever present on its namesake, with greater realism and modern filming techniques and angles. But despite involved plots, the show retains one old standby of the original: the corny courtroom confession finale. All in all, despite all the broo-ha-ha, *The New Perry Mason* is nothing special. It certainly could have been, but the most vital ingredient, a credible Perry, is missing.

Then there's *Shaft*. It seems that with movies these days, the thing that makes the popular ones popular is also the thing that won't wash with TV censors, be it gutter talk, fornication, what-have-you. Somehow, I don't think that makes good business sense, but it must, since it happens. Or do capitalists want to go to heaven like everybody else? Anyway, a movie like *Shaft* consequently loses a lot in the translation from screen to tube, and Richard Roundtree comes out looking like nothing more than a Black Mannix. What we don't need is another castrated white knight of a wimp detective-type. But the worst offender in the sterile private eye department is Lorne Greene's *Griff*. This show tries to cash in on the success of Buddy Ebsen's *Barnaby Jones*, by following its formula to the letter: take a familiar TV face (it doesn't matter if it's someone not normally associated with detective shows, in fact, all the better), someone slightly older than a Mannix or a Columbo, give him silver hair and moderately long sideburns, and perhaps a downhome twang in his speech and general outlook, and there you have it. Wade Griffin doesn't, though. We've seen bald, fat, blind, paraplegic, and ethnic detectives; *Griff* is merely a boring one. Love that formula, though. Can't you see it now, as if it were only tomorrow... Fess Parker as Eli Kirtland in *Kirk*, Jerry Van Dyke portraying Meredith Duggan in *Meredith Duggan*, Art Carney's Art Harlo in *Harlo*, Walter Brennan as Luke Tucker in *Tuck*, or George Lindsey as Gage Bundy in, you guessed it, *Bundy*. Infinite permutations, yup.

On the other hand, Bill Bixby's *The Magician* is pure, unadulterated escapism at its best. The show's hero, Tony Blake, a professional magician who combats crime on the side, has a bigger-than-life, comic book feel about him, performing feats of physical wonderment that would kill the average private eye. Fortunately, the action doesn't lean on Bill's gimmick: his magic tricks and slight-of-hand, which he sparingly employs to fell bad persons. It'd be so easy to overplay the magician angle, and fortunately they don't. The back-up cast is unprecedentedly catholic: a bald newspaper columnist with the looks and mannerisms of a young Dean Jagger, his wheelchair-ridden lawyer son, and his gruff Black assistant. Bill Bixby is certainly an underrated actor, and while this isn't all that meaty a role, it's good to see him back in the harness, with something up his sleeve at that.

Just the other day, this telegram graced my desk here at the Tech Suite, from the office of the White House, no less: ARE YOU TIRED OF TURNING ON THE RADIO AND HEARING THE SAME OLD SHIT? STOP YEAH ME TOO STOP YOURS DICK STOP.

"But, look, when you get right down to it, Carl Albert is acting Vice President, right? I mean, right?" the man was saying.

Where was I? Oh, yeah. *Police Story*. So far, this is my favorite new show, and I've seen most of 'em. Albeit, another action/crime saga, but one with some class, a touch of humor, one that makes an effort to be as true-to-life and contemporary as is possible on TV. There is no regular cast; each week's hour-long episode features different talent, including, for example, the untested likes of ex-Dallas Cowboy Don Meredith (he plays Dandy Don on *Monday Night Football*) and kid evangelist gone sour Marjoe Gortner. The first two shows did revolve around a main character, James Farnino the first week, Tony LoBianco the second, and both delivered strong, believable performances. Creator and overseer of *Police Story* is LAPD Sgt. Joseph Wambough, who wrote *The New Centurions*, and he promises to keep the quality high: he wants the series to portray what it's like to be a cop, not what it's like to shoot people and say "10-4" all the time. He wants *Police Story* to be police drama, instead of police adventure. They may just pull it off.

See 'Stolf make fun of more new shows, if he can force himself to watch 'em, next week. And the week after that, and the week after that... Actually, there should be a lot having to do with Comic Books in next week's, I think.

**Dizzy-Errata Dept.:** A couple weeks ago, I mentioned that the animated Saturday morning *Star Trek* show was, like everything else then, out of the Hanna-Barbera stable. Baloney. It's one of the few things that isn't, and while I forget who's actually responsible, it's easy enough to find out: watch the thing. (Hello, I'm a Mark Astolfi. People who don't know me think I'm an asshole. People who do know me agree with people who don't know me.)

Also, before I forget, there will be an exhibition of paintings by Hindu linebacker Bubba Rum Dass in the Schuyler Bimbaloo Room, basement of Building 54, this coming Friday, from noon until the Hour of Reckoning (around 4:30). Among the copious works on display will be many of his lesser known works, including *Man Football-Regarding*, *Illusion Holding False First-Down Marker*, and *Person Not-Loving Not-Hating Hash-Marks*. I'm also told that, somehow or other, a recently discovered near-masterpiece of Phlegmish painter Hans Gigolo, depicting his young son standing beside a sun-colored stallion, entitled *Horse With Child*, will also be presented. Happy looking!

open reading

thursday,  
october 25

3:30/5:30

14E304

[Continued from page 7]

unsubtle but lovable, but is likely to be pretty highly touted around here. The glistening World Premiere (broadcast live on WBZ-TV, sponsored by Sack Theaters) showed Mayo. Kevin White saying that the film was "entertaining."

It also showed Pat Mitchell embarrassing a lot of stars, but that is another matter entirely.

The film starts off on opening day at Harvard Law, and follows the course of a first year student, although we only see him in one of his five classes. The other courses are only names.

The other people, however, are three-dimensional human beings getting squished into the two-dimensional system of legal education practiced at Harvard, with unbelievable pressure and mind-boggling competition.

Although the author disclaims any such interpretation, the fact of the matter is that the film shows the seamy side of the Socratic method of teaching.

That method eschews lectures for rounds of questions.

As the professor himself puts it, "For your every answer, there is another question. You are on a treadmill." He concludes, "you have come in here with heads filled with mush. You will leave thinking like lawyers."

Some leave before that; the film shows a couple of potential breakdowns, and an attempted suicide. It also shows the finest collection of gnurd-type personalities, close-up, this side of MIT.

(Imagine, as you watch this film, what a novel you could make of your freshman year at MIT).

This film has a certain undeniable appeal to a college age audience. First, of course, you get some glimpses of Cambridge; Harvard Square, Harvard Stadium, Harvard Law Library (notice a pattern yet?). Secondly, you feel empathy with people being cut-down, vigorously be professors. Third, you get to see either yourself or your friends on the silver screen, having an affair messed up by too much school work to do.

The Institute is a *Paper Chase* too, but it was never like this. Entertaining; thought provoking. *At the Cinema 57*.

## Dr. Hook

at the bar

by Mark Astolfi

*Belly Up!* - Dr. Hook and the Medicine Show (Columbia)

Dr. Hook and the Medicine Show's third album. A number of things make it a great big beautiful album. For one thing, there's a whole lot more of Dr. Hook's marvelous brand of stoned silliness, gettin'-loaded-and-flushin'-the-contents-of-your-wallet-down-the-john buffoonery, which is all this band really amounts to. Lead by maniacal Ray Sawyer and moronical Dennis Locorriere, this band never takes anything seriously (aw, c'mon: you cried when you heard "Sylvia's Mother"?). And for some gosh-darn reason they think that playing tear-jerking ballads, *avec* tongue planted none-the-less securely in cheek, will lend some semblance of legitimacy to their otherwise stoned silly albums. (Put that to Ray, he'd put his hands on his bosom, look abominably hurt, and say "Hey, baby, wha' you mean?") Then start

giggling.) On *Belly Up!*, there's still some of that goocly backwoods soap opera material, but less than previously.

For another thing, what makes this 'un different from *Dr. Hook and Sloppy Seconds* is the fact that, where previously Shel Silverstein, demented cartoonist (*Playboy*) and songwriter ("A Boy Named Sue"), wrote all their stuff, four *Belly Up!* songs are written by the band. The rest are by Shel, except for their current single, "Life Ain't Easy," co-written by Shel and drummer Jay David. Not that Dr. Hook was ill-suited to Shel's songs, but it's good to see them getting on their own a bit more.

Of the six Silverstein songs, two stand out. "Roland the Roadie & Gertrude the Groupie" was the big floppo follow-up single to "Cover of Rolling Stone." The tune is every bit as funny and catchy as "Stone," but maybe a touch on the randy side, talking about how groupie Gertie loves groups ("... and combos, and trios, and soloist artists, anybody, baby!") These dudes don't bury the words deep in the mix like some rolling stones we know. Also good is "Acapulco Goldie," my candidate for next single release, although again the lyrics might be a touch too spicy for radio programmers' palates: "I know there's no one cuter, then she said she was a puta; I said, 'What does puta mean?' and then she told me!" In this one, probably Ray but possibly Dennis, jumps on the currently big spic accent bandwagon, although it isn't the street punk Chicano of Cheech and Chong or the Firesign Theatre's Pico and Alvarado, but rather the raspy, throaty slur of a Tijuana mountain bandit. The voices, the Spanish words mixed in the lyrics, the sleazy Mariachi trumpets, this number shoots the comic works as the hero's modern-day Matilda *vamos* away with his South o' the Border smoking material.

Other Shel Silverstein tunes. Well, "Penicillin Penny" is a caustic little VD fable, saved by neat vocals, a sort of vampire Kristofferson. "Monterey Jack" is a minute of outlandish, not to mention dirty, puns sung at breakneck speed, with minimum musical encumbrance. "Put a Little Bit on Me" is what I was complaining about above. And "The Wonderful Soup Stone" (did you read the book when you were a kid?) is smothering in down-home country warmth and goodness. Dr. Hook's nod to wholesomeness.

Of the four Dr. Hook originals, two are kinda lame, but two stand out. "When Lily Was Queen" is a grotesque Bayou stomper, with mysteriously evil overtones which will remind the listener of that chiller movie *The Other*. And "Come on In" is short (a minute and a half) and sweet, an open-the-door-and-lay-on-the-floor love ditty where hippy chick meets horny farm-boy, done in fiddle-swaggering style reminiscent of the Holy Modal Rounders' *Good Taste Is Timeless* album. That it is, friends. And this band will have none of it.

But there's more! Also included is an EP of Ray and Dennis interviewing each other, sounding like a backwash Firesign Theatre, with dialogue like:

Ray: *Wheruz you bo'n.*

Dennis: *Alabam'.*

Ray: *Ah don't care. Wuz yor father's maiden name?*

Dennis: *Alabam'.*

All this with voices that sound like a cross between what you sound like when you have a streph throat and a car that won't start (except for the brief instant when they talk with their real voices, then both sound like Todd Rundgren.) On the whole, this is one sweet helluva album. muthas. Funny, too.

### THE TECH ARTS SECTION

Neal Vitale '75 - Arts Editor

Sandy Yulke '74 - Associate Arts Editor (drama)

John Kroun '75 - Associate Arts Editor (media, music)

Brian Rehrig '75 - Associate Arts Editor (MILT arts)

John Hanzel '76 - Associate Arts Editor (graphic arts)

Mark Astolfi - Associate Arts Editor (sports)

Arts Staff - Matthew Farber '75, Stephen Owades '75,

Mike Curran, Wanda Fisher, Jeff Palmer, Bob Russ

Arts Staff Candidates - Maureen Libner '74,

Ronan Beckman '77, Renee Chow '77,

Blake Hurst '77, Harsh Mendis '77, Phuong Trank '77

**NOTES**

\* As we move into the early darkness months, all persons involved beyond normal working hours, may feel free to call Campus Patrol at x3-2997 or 3-2998 which will result in radio dispatched foot patrol contact along your route to assist you in reaching MIT parking areas or other remote locations. Persons required to work after normal hours or those working alone in quiet or secluded areas should call with a comment about your location which will alert a route patrolman to your presence.

\* Any MIT Senior who wishes to apply for a Danforth Foundation Fellowship should submit to the Graduate School Office (Room 3-136) not later than October 20, a brief account (1-2 pages) of his or her plans for graduate study and an academic career. On the basis of these essays, a few students will be selected for personal interviews and final nominees will be selected for the national competition. Further information may be obtained in the Graduate School Office Room 3-136 x3-4860.

Authors Kurt Vonnegut and Donald Barthelme will appear together at Boston University's Morse Auditorium, 602 Commonwealth Avenue, on October 24th at 8:30pm. The event is open to the public at no charge.

Vonnegut is the author of the current bestseller *Breakfast of Champions*, *Slaughterhouse 5*, and *Player Piano*. Barthelme, a visiting professor of English and creative writing at Boston University, publishes short stories in *The New Yorker* and has combined many of his stories into anthologies.

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**African plight prompts research**

By Jules Mollere

The goal of the MIT program recently contracted to study future development possibilities for the drought-stricken nations of West Africa is, according to Dr. William Seifert, Professor of Civil and Electrical Engineering and coordinator of the project, "to provide guidance to these nations and to donor organizations so that they can provide for reasonable long-term assistance."

The conditions in six of these West African nations (Chad, Niger, Upper Volta, Mali, Mauritania and Senegal) after four years of drought has led the United Nations to call for a study of medium and long-term possibilities for development of the area. MIT has consequently been contracted by the US Agency for International Development (AID) to carry out such a study.

Dr. Seifert emphasized that the actual decisions concerning what steps will be taken will be left to the countries and international agencies involved. "We don't expect to set up a development plan as such. We'd rather build a framework in which development structures can be appraised."

Dr. Seifert did say, however, that he believed some basic changes in social structures would be necessary to prevent a recurrence of the present disaster. One example he gave concerned those areas of West Africa where a large percentage of the population is nomadic.

"This area is a classic example of the failure of commons. If everyone is allowed access to a common ground for the grazing of their herds, then each person will attempt to maximize their gain by putting all the animals they can on that ground. The result of course is overgrazing and famine."

"This is just what happened in West Africa. Before the drought the herds had grown to a point where the land could no longer support them. The drought has only brought to the forefront a weakness in the system that was already there."

"As a consequence there has been a great depletion of the herd and a concentration of the nomads around the already overburdened distribution centers to the point where nomadism temporarily doesn't exist there anymore. If, after the first good rain, these people try to return to their lifestyles as they knew it, and I believe they will, then a recurrence of the present problem is nearly certain."

Seifert also said that when the study starts to get down to specifics, it will have to concentrate upon individual sections rather than the area as a whole or even on a country to country basis. "If we don't break the problem down, we'll simply get proposals that are too broad to be implemented. The area varies too greatly for that."

"Also there is the problem of interconnection with the countries on the coast below. Any plans that are implemented in these six upper countries are bound to have effects upon the countries nearby. These have to be taken into account."

In terms of coordinating the program, Seifert said that a great deal depends upon establishing good relations with key people in these countries. "We have to convince them that working with us will benefit them." In a few weeks Seifert hopes to take his first trip to this area to accomplish just that but he said that he expects this task will require a great many exchanges.

"We also expect to have people here from various other universities and countries who by keeping in touch with their institutions at home will enable

us not only to coordinate the effort from MIT but also allow us to draw on greater resources than just these people themselves."

Seifert stated that he foresaw no role for MIT in the actual implementation of any plans but that it would be highly desirable if the Institute could evaluate the impact of this implementation as a follow-up. "This would allow us to modify our initial thoughts concerning the effects of implementation and thus enable us to make any necessary changes."

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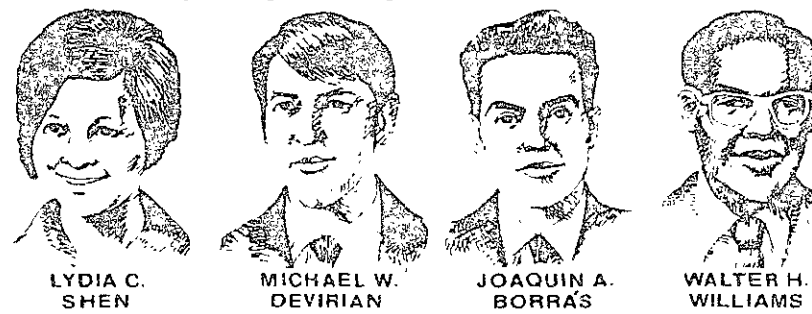
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# Survey reveals library losses

(Continued from page 1)  
venience to users of the libraries," Nicholson said.

Nicholson stated that she would like to see some research done on why people take the library books, and what methods can be used to deter them. She

stated that some patterns were discernable in the detailed figures from the study, but clear-cut proposals were available.

Four ideas are being considered, according to Nicholson and Otto, in order to cut losses:

1) Adding bookcheckers at the exits of the libraries, to check the books and briefcases of people leaving the library. Currently, bookcheckers are employed at the Humanities and Science Libraries, and one has been added at Dewey recently.  
2) Electronic systems for detection of materials could be used at exits. Aside from expense, Nicholson pointed out an important drawback: "Such a system would probably be viewed as a challenge by an MIT student, who would try to get around it."

3) An amnesty period could be declared, in which people would be encouraged to return library materials with no penalties attached.

4) Encourage users to report books that they discover are missing and to return any books they find elsewhere. Nicholson said that MIT library books are often found in apartments in which MIT students once lived and that used-book stores often call the libraries to report that they have an MIT book.

## Prospects for budget for 1974 are 'gloomy'

(Continued from page 1)  
two-part long-term solution which includes massive fund-raising and greatly increased efforts at more efficient use of MIT's human and material resources, which Gray nicknamed "productivity."

Gyftopoulos, chairman of the faculty, also chairs the Committee on Educational Policy, the leadership faculty committee. He reported to the faculty on the CEP's intentions as to agenda items this year.

Included on the substantial list were: residence, judicial process, education of women, humanities requirements, admissions procedures and a host of other items.

Gyftopoulos divided the problems into three groups:

those already discussed by past CEP's would not be re-discussed; former committee members would be asked to formulate suggestions. The second group of problems, those already being worked on by other groups, would stay in the hands of other groups until the recommendation stage.

The third group of problems, according to the faculty chairman, boil down to the question of "What is an MIT degree and what does it mean?"

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#### The End of Objectivity

Lecturer: Dr. Gian-Carlo Rota, Professor of Applied Mathematics and Natural Philosophy, M.I.T.  
Respondent: Dr. Victor F. Weiskopf, Institute Professor of Physics, M.I.T.

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# Sports

## Water polo loses 2; meets Harvard Wed.

By Rick Bauer

The MIT water polo team ran into more hard times last week as it lost two more games and lowered its season record to 1-7. The team travels to Harvard next Wednesday, and will compete in the New England championship at Brown on Friday and Saturday.

MIT was just edged by Bowdoin, 9-8, last Friday but lost all composure in the game Wednesday against Northeastern, losing 17-4. That game started out with the Tech swimmers playing solidly, but looking unable to mount any strong offensive threat. Northeastern slipped in its first two goals on well-placed long shots from mid-pool. As Northeastern kept up its pressure, the MIT defense began to slacken and the score went to 5-0.

MIT finally mounted an offensive spurt near the end of the first half. A pass into Al Efromson '74 drew a holding penalty that awarded him a free penalty shot from the point of the foul. Efromson converted on the shot to the left side of the goal and put MIT on the board at 5-1. Almost immediately Brian Wellendorf '77 got a one on one offensive opportunity and put it by the defense for the team's second goal.

That was the last encouraging moment of the game for MIT.

Northeastern scored once more before the end of the half and then made seven unanswered goals in the second quarter when MIT completely fell apart. Mark Thorne-Tomsen '76 and Dave Schneider '74 added MIT scores in the fourth quarter, but Northeastern rolled on for its 17-4 final score.

The Bowdoin game was much closer but also much more disorganized. The game was never officially confirmed in advance and so MIT was somewhat surprised when Bowdoin just showed up on Friday. With only about a half hour to prepare for the game, MIT scrambled to try to put together a winning effort. The team fell just short with a very discouraging 9-8 loss.

Wellendorf led the team with three goals in that game, while Ken Epstien '74 and Tom Jacobs '75 both scored two goals, the remaining goal belonging to Thorne-Tomsen.

The team is still recovering from a rash of injuries that has plagued it throughout the season. Team captain and All-New England goalie, Dan Bethencourt was just recently released from the hospital, and there is a chance he will be back for the New England Championship, where MIT will have the extremely difficult task of trying to defend its third place standing from last year.

### IM B-BALL

Entry cards for IM basketball teams are due in the IM office by Wednesday, October 24, at 12 noon. No late entries will be accepted (There will be NO exceptions to this rule). Games will be played from the first week of November until December 13 on Sunday through Thursday evenings. No entries will be accepted if forfeit fines from IM football, volleyball and/or tennis are owed by the living group. Under a new intramural rule, forfeit deposits of \$20 are required of every team not affiliated with the IM Council.

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# BENCHWARMER

By Richard J. Sternberg

While it seems that there is no escaping the yearly debates and resolutions over the the MIT Intramural Handbook, I am hoping the publicity generated over this year's discussions will allow us to put aside this question for a few years and consider the more important question of the direction the IM Program will take in the future. There are many important long-range problems facing intramural athletics at MIT - funding, use of facilities, effect of new construction on the program - that should be considered new, before the problems reach a head. Unfortunately, the current and seemingly perennial question is that of eligibility.

Though I am willing to agree with Fred Hutchison's editorial that the IM Council should not enforce the preferences of the intercollegiate coaches on their athletes, I feel that he and many other people have missed some of the other reasons for deeping the current restrictions and possibly expanding on them. There is no denying that most of the eligibility restrictions for non-corresponding sports originally arose at the request of coaches who did not wish to see their athletes get hurt, either in IM's or otherwise. The rule as it stands now has a secondary effect, though. It allows the person who is not out for an intercollegiate sport the opportunity to have some playing time, more than he would have if intercollegiate athletes (even from other sports) are also playing. Restricting the eligibility in this way keeps the person who already has a great deal of facility time, and in many cases a great deal of coaching and free use of equipment, from gaining even greater athletic opportunities at the expense of people who otherwise have little or no other athletic outlet - the people without either the talent or time to compete intercollegiate.

It is also well known that in IM's, overall athletic ability and general physical shape is the difference between two players, as opposed to having that individual game's skills; (i.e. someone out for soccer is in very good shape generally, and if his house's intramural football team had a game, he would probably get more playing time than a relatively non-athletic teammate who was not out for any sport. He would therefore be taking time from his own teammates who have little or no other sports outlet.) Other considerations would include the effect on the number of intramural teams in popular sports by throwing open eligibility requirements. Many IM sports have reached the point where they are cutting down on the number of contests per season in order to allow the requested number of team entries. Increases in the number of teams sparked by possibly 20-50 more players in each sport would decrease the average playing time for everyone. Again though, the intercollegiate athlete has his sport to fall back on; the IM athlete has nothing.

It has been my feeling, since I first became a member of the IM Council, that our group should especially look out for the opportunities of the people who are not very good in the sports we sponsor and encourage them by showing that athletic prowess is not a prerequisite for competition. This is further evidenced by the fact that over 50% of all intramural competition is at the "C" or lower levels. I feel that intramural athletics at MIT must maintain its commitment to the non-athlete, and by increasing his playing time, even in a small way, we can honor this commitment.

(Sternberg is a member of the Intramural Council Executive Committee - Ed.)

# Sports

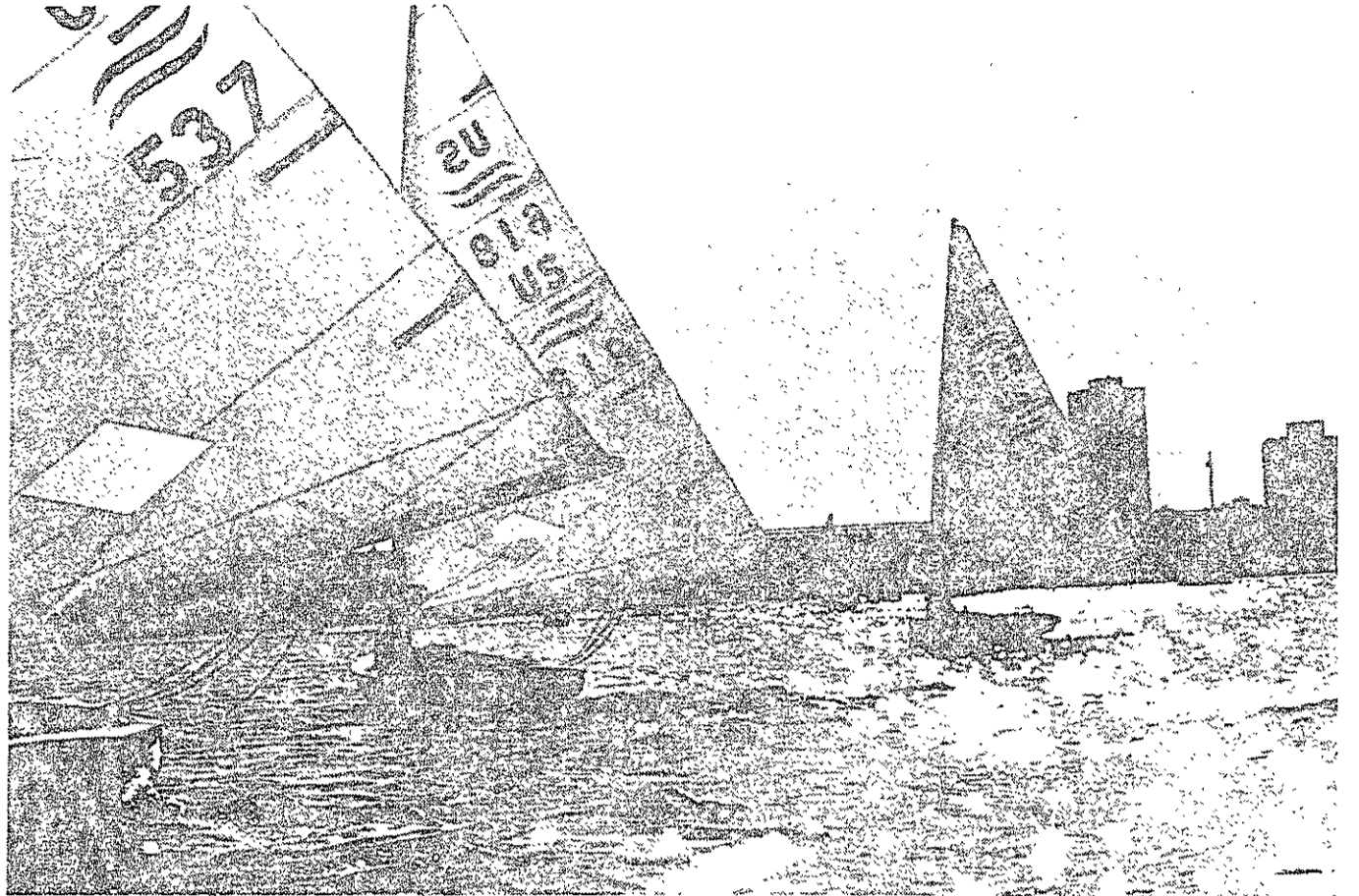


Photo by Dave Green

## Women gain Man Labs Trophy

MIT's varsity women's sailors won a close victory in the Man Labs Trophy Regatta last weekend and further established themselves a probably the top women's squad in New England.

Although extremely heavy winds on the Charles River forced an early cancellation of Sunday's racing, the MIT women finished first in the twelve-school field on the strength of a one-point lead built up through eight races on Saturday. Team captain Shelley Bernstein '74, sailing in A-Division with Joan Pendleton '76 as crew, took low-point honors, finishing eight points ahead of the second-place Boston University skipper, Mary Anne Bradford '74 and Ellen Schmidt '77 co-skipped to a second-place finish in B-Division.

The results of the regatta were: MIT 39, BU 40, Radcliffe 64, Newton 84, Jackson 87,

Yale 97, Northeastern 107, Rhode Island 115, Brown 141, Simmons 152, Mt. Holyoke 176, and Boston College 194.

Steve ("Mike") Cucchiaro '74 skippered MIT's entry to a third-place finish in the White Trophy, the New England Sloop Championships. The event, sailed in Raven, on Saturday at the US Coast Guard Academy, was tightly contested all the way, with the trophy eventually going to Al Huges of Coast Guard. Only four points separated the first three finishers after eight races. Larry Dubois '76, Paul Erb '76, and Randy Young '74 crewed for Cucchiaro.

The results of the regatta were: Coast Guard 28, Rhode Island 29, MIT 32, Brown 35, Harvard 36, Boston University 37, Tufts 42, and Dartmouth 46.

Also on Saturday, the men's varsity squad placed second in a

dinghy invitational at Tufts. Steve Ryan '77 placed fifth of thirteen schools in A-Division, with Chris Donnelly '77 as crew, while Kevin Sullivan '74, with Chuck Johnson '76 crewing, sailed to a fine second place finish in B.

The results were: Tufts 11, MIT 29, Boston College 34, Boston University 35, Amherst 45, Yale 48, Brown 54, Harvard 62, Coast Guard 65, Connecticut College 74, Babson 85, Boston State 87, and Holy Cross 88.

The Tech freshman team placed third of seven schools in an invitational at Yale on Sunday, finishing only two points out of second. Bill Critch and Steve Tyan co-skipped in A-Division, while Dave Fish and Doug Abramson alternated in B.

The results of the event were: Tufts 23, Harvard 49, MIT 51, Yale 52, Rhode Island 57, Brown 92, and Coast Guard 101.

## Weekend football results

Oct 13-14

A League

SAE 'A' - 12 LCA 'A' - 0  
BSU - 12 DTD - 0  
FIJI 'A' - bye

B1 League

DU - 22 BTP - 0  
SAE 'B' - 6 Ashdown - 0  
Mac 'S' - 12 SPE - 0

B2 League

LCA 'B' - 2 EC 'A' - 0  
PLP - 6 PDT 'A' - 4  
Mtlrgy - 12 Plumbers - 0

B3 League

Brkr Trojans - 45 ZBT - 0  
SC - 20 Chemistry - 14  
PKS - 7 Chem E/Nucl E. - 6

C1 League

ATO - 8 NRSA - 6  
PDT 'Z' - 6 TDC - 0  
KS - 8 PBE - 6

C2 League

EC5W - 6 PMD - 0  
Senior Hse - 21 Hydros - 14  
EC 'JF' - 30 Math - 12

C3 League

TC - 12 DP - 0  
Burton 5 - 14 Burton Toocy - 13  
SAM - 9 EC4W - 7

C4 League

Conner 3 - 13 BTB - 12

Baker C - 60 EC3E - 0  
Conner V - 8 TEP - PKA - 2

C5 League

Stud Hse - 20 Sloan 2 - 19  
AEPj - 38 PKT - 19  
PSK - 25 TX - 0

C6 League

Sloan 13 Bexley - 0  
Mac H - 23 Mac D - 0  
\*FIJI 'C' - 0 SAE 'C' - 0  
(Double Forfeit)

C7 League

DKE - 27 Mac C - 0  
Economics - 25 SN - 6  
CP - 6 Mac A - 2

### IM COUNCIL MEETING

Wed, Oct 24, 1973 7:30pm  
Varsity Club Lounge  
Manager elections (Badminton, Swimming, Table Tennis) and Motion on eligibility. Cider and donuts will be served after the meeting.

The MIT Pistol and Rifle Club will offer a course in Basic Pistol Marksmanship on five consecutive Thursdays, beginning October 25 at the DuPont Pistol Range from 6:30pm to 8:30pm. Enrollment is limited to the first 20 adult members of the MIT community who apply. A \$10 fee will cover pistol, ammunition, and targets. Persons interested should call Range Master Thomas McLennan at x3-3296 after 3pm.

## Women's tennis grows: a new varsity sport?

The MIT women's tennis team lost to Newton College, 2-3, Wednesday, October 10, in their first match of the season.

Sue Nelson '77, played the number one singles position Wednesday and lost, 3-6, 5-7, to her Newton College opponent. Another freshman, Anne Averbach '77, played number two and lost, 1-6, 1-6. Linda Young '76, in the number three position, lost also, 2-6, 1-6. The team attributes these losses to the inexperience of the two top players in intercollegiate competition. The MIT doubles teams fared much better. Marjorie Yang '74 and Colleen Dahlen '76, playing first doubles, easily took their opponents in two

sets, 6-2, 6-1, while Chiles and Christine Miller '74, playing second doubles, won in three sets, 7-6, 5-6, 6-0.

They are still very optimistic about the remainder of this year however, due to the team's new found strength in members of the Class of '77 and the large number of women who have come out for the team this year. Hy Greenbaum, a graduate student in mathematics and winner of the 1972 Tennis Intramurals, worked closely with Coach Chris Randall and the team last year and is doing a great job coaching the team this year. Captain Caroline Chiles '76, feels that the team may be ready for varsity status by the spring of '74.

