Computer integrated into library prototype system

By Curtis Reeves

MIT has received a grant of $5,000 from the Council on Library Resources to operate the prototype of an experimental microcomputer-based technical library which is now in development at MIT.

Professor Carl F.J. Overhage, chairman of the library research committee, said, "This project was initiated by Professor Overhage noted that the project, known as the Information Transfer Experiments (INTREX), is not new. Four grants have been received since 1967 in support of the project from CLR (a division of the Ford Foundation), the National Science Foundation, the Carnegie Corporation, and the National Education Foundation.

The project is designed to explore the feasibility of putting together such a system at MIT, but rather toward answering questions about its practicality in the user's ability to get information quickly.

The components serve two basic functions. First, the typewriter, with its link-up to an IBM 7094 computer, acts as a fact-finding tool which tells the user where the documents are available which are relevant to his subject. The computer, which is operated by the Information Processing Board, acts as a communication and storage device. The user engages in a dialogue with the computer to narrow or expand the range of documents until he has that which will best serve his needs. There are more than 12,000 recent articles in the fields of materials science and engineering from which to choose.

The second part of the system, which includes the display tube and the control panel, enables the user to get the text of the desired documents at the same terminal.

The students start off with a brief, "At the rally, after the brief interviews between each group of students, and also about disciplinary action against the black students involved in the faculty black student movement, last week.

They then proceed down the hall to Vice-President for Administration and Personnel, over whether or not Weisner would speak at an open rally. They came to the office, they said, not to disrupt anything, but only to obtain answers to their questions about the discipline. Culliton held that if they wanted to make complaints, they would have to make individual appointments with him.

As the discussions with Culliton proceeded, a number of faculty members, including President of the College, said, "I was very impressed by the thoughtfulness of the report, but upset by the lack of depth shown." Comments followed a general pattern: generalizations were presented, on the order of "some good ideas," "lots of material for the GA to work with," or the other hand, specific comments were highly critical.

"(UAP) President Eddlemann severely criticized the report. He commented that most sections were marked with "incoherent and illogical" style, that were not specific enough. He also cited lack of evidence, the absence of existing evidence, and lack of innovation as reasons for rejection of the report.

Unreadable

Several students surveyed complained about the report's structure, saying they "really felt that if it just went through it all...it had a summary." Another student commented on the "fifty-word sentences".

On the other hand, a smaller group was appreciative of the general ideas put forth. This group tended to include those who were not familiar with the problem area; they were grateful for the overview.

The phone survey was conducted by a representative of the National Student Association, and a smaller group was not appreciative of the general ideas put forth. This group tended to include those who were not familiar with the problem area; they were grateful for the overview.

The THF/GA would like to see the report read and asked for further action to be taken.

"It's going to be rejected," he predicted, but explained that some members were disagreeing over the GA's lack of ability to discuss the issue with students working on the resolution. (Please turn to page 2)

Human sexuality 'focus of six-track lecture series

The MIT Committee on Sex Education, a group of several male and female students, is currently arranging a series of six lectures entitled "Human Sexuality" to be presented on consecutive Wednesday evenings beginning February 17. Each lecture will deal with some specific topic, ranging from the physiology of sex, to the emotional aspects of sex, to the use of contraception, and the consideration are the emotional aspects of sex, and heterosexuality and homosexuality.

The first lecture series will present an integrated view of the topics described in the lecture series.

The second part of the series will focus on the emotional aspects of sex, and will be presented by an authority in the field.

The third item on tonight's agenda is the conclusion of the Administration's intention to discipline black students involved in the faculty black student movement.

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A member of UAG then

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workforce to professional

people. The forces opposing

the workers are the same forces

oppressing professional people.

He claimed that when the

officers see they can go around

the union, "that's a strong blow

against MIT."

A second worker followed

Lee. He demanded, as he was to
do later in Weaner's office, "I

want my money now." The

pros, he argued, had been

working since July first without

a contract. Reiterating his de-

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Associate Provost Walter

Rosenblith then asked the de-

monstrators to leave the pro-

sident's office. If they did not,

he stated, "We will be forced to
take disciplinary actions and de-

charge you trespassers." By this
time Wadleigh and Nyhart had

also entered the room. When

students tried to question him,

Wadleigh refused to comment,
saying "I'm here to serve no-

ce."

In his office, Nyhart refused
to comment on the administra-

tion's position in the workers'
dispute because the issue had

been submitted to arbitration.

Collinson explained that this was

because in "non-adversary arbi-

tration," neither side has a

stated position, but instead an

impartial arbitrator enters the
dispute to determine the facts.

Approximately 50-60 people

had attended the noon rally on

the steps of Building Seven. The

first speaker, an SDS member,

reviewed the "history of" the

Faculty Club worker's fight.

Herb Lee, one of the black

workers, followed him. Lee,

speaking from notes, promised

"we're going to fight" for the

BSU members. "In 1970," he

said, black are "still in slavery."

"These injustices have got to

stop, if we have to demonstrate

'til hell freezes over."

The workers are "getting tired of standing around," while their

bosses pass the buck, he argued,

adding it's "time for action."

The problem: lifesaving clinical
tests of blood, urine and spinal

fluid may take technicians hours to

perform using traditional methods.

The possible solution: design a

virtually complete chemical labora-
tory in a desk-sized cabinet that

will perform a variety of clinical tests

automatically, accurately, quickly.

The result: Du Pont's Automatic

Clinical Analyzer, the end-product

of years of cooperation and problem

solving among engineering physi-

cists, biochemists, electromech-

anical designers, computer specialists

and many, many others.

The heart of the instrument is a

transparent, postcard-sized reagent

packet that functions as a reaction

chamber and optical cell for a

test and prints out a report sheet

for each sample. The instrument is

capable of handling 20 different

tests, the chemistry procedures for
ten of which have already been

developed. The first test result is

ready in about seven minutes.

And in continuous operation, successive

test results are obtained every 8

to 30 seconds, depending on the

type of test.

Innovation—applying the known
to discover the unknown, inventing

new materials and putting them to

work, using research and engineer-

ing to create the ideas and products

of the future—this is the venture

Du Pont people are engaged in.

For a variety of career opportu-
nities, and a chance to advance

through many fields, talk to your

Du Pont Recruiter. Or send the
coupon.

Venture: Seven minutes to save a life.
It has been rumored that somewhere in MIT, hidden behind all the books and problem sets, there lurks a man who is truly ugly.

Alpha Phi Omega has managed to narrow down the search to eight suspects. It now needs the MIT community’s aid in apprehending the one most vicious creature, the Ugliest Man on Campus. The line-up is as follows:

1. MATT “THE BEAST” BEASLEY — from Eta Potato Spud House (Phi Kappa Theta) — last seen as the “head of the department of redundancy head.” He is usually dressed in his favorite chains and “BEAST” tattoo.

2. DON “DEJA VU” GARVETT — from MacGregor F2. With jaws of steel and skin of scales, this creature bears a strange resemblance to a live alligator.

3. DAVID S. GROMALA — Delta Tau Delta. One of the more toolish candidates — “I tink I kin do a well job because I am an eflaunney expert. I kin out-ugly any a dem guys.”

4. ROWF KNOPF — sponsored by the citizens for ROWF Committee of Senior House. This muscle-bound candidate has a type of ugliness all his own — and a strong odor.

5. DAVID PAKTOR — MacGregor G Entry — “David of Newark” is exposing himself to the public eye because he is “tired of being treated as a sex object.” Judith Crist has said: “Absolutely disgusting... One of the worst ever.”

6. KENNETH “GRIN” SKIER — an inhabitant of East Campus. Ken’s most potent weapons are his enormous mouth and his distinctive odor. Attempts to measure this odor have revealed it to be beyond the range of our equipment.

7. HERMANN QUINCY WITHERSPOON — Random Hall. The official report of the Hermann for UMOC Committee reads: “Hermann’s ugliness is too vast to be assimilated by human senses... It has been rumored that those who look at Hermann don’t remember anything because their minds refuse to accept what their eyes tell them...”

8. MATTHEW LIEFF — MacGregor E Entry — MIT is having a relapse of Matthew Lieff. This fiercely belligerent suspect is out to prove that last year’s UMOC Contest in which he was a contestant was a farce, having been won by a poor dupe of the Beauty Bosses rather than a candidate with true natural ugliness.

The above candidates are considered extremely dangerous. If spotted they should be reported to the UMOC booth which will be set up for this purpose in Building 10 from Monday, November 30, through Friday, December 4, from 9 to 5. Witnesses are encouraged to cast as many votes as possible for the suspect of their choice. Votes are in the form of donations to the CARE Pakistan Relief Fund, one penny per vote.

Photos by Chris Davis.
By Wells Eddeleman

Racism, social concern, and student protest are the major issues in the faculty Club dispute. There are several views of racial problems which all claim to be non-racial. The faculty view: racism is ended when discrimination loses its legal sanction. Any action by authority to combat existing racist attitudes, or the effects of past racism, is inappropriate.

A liberal view: Racism is combated, but institutional action can only be taken when it is acceptable (and doesn't threaten to upset the power of the liberal oligarchy). A significant feature of this view is dictating blacks on what they should do about racism.

A radical view: Individuals and institutions must recognize present and past racism, and deal with it. Right, not opportunity, must determine what actions are taken. It is not racism for blacks to have their own pride, identity, or institutions — it is racism to deny them access.

Faculty Club dispute

In the Faculty Club dispute, the conflict is essentially between the liberal view of management and the radical view of the workers and their students. The MIT administration follows the liberal line, taking into account the complexities of the situation, but also using these complexities to rationalize a lack of direct action.

The worker's demands — equivalent pay retroactive to initial employment, discharge or transfer of Club manager William Morrison, and preferential hiring and promotion for black workers — have been snarled in the tangle of negotiation regulations, workers charge that their union, their legal representative, remains unresponsive; they are also wary of the arbitration method and bureaucratic procedures. Even the management of the Faculty Club (and MIT) concede that these grievances have been long in the "process of resolution." It was within this context that a non-violent, non-obstructive sit-in was held at the Faculty Club by the BSU on November 14.

Conflict of rights

The sit-in represents a conflict of rights: on the one side, the right of people to attend a "Wild West" party at the Club; on the other, the right of the workers to a fast settlement of their demands. The MIT administration has decided to act.

By Alex Makowski

Once again events have forced the MIT community to consider what means a university should sanction for settling disputes. The crucial issue is the current debate over the Faculty Club and the BSU sit-in initiated by the alleged racism. A racist administration would never have made the commitment MIT made two years ago to increasing the number of black students there.

Rather, we must decide whether the black students' motive — encouraging a favorable solution to the worker-management dispute — justified their successful attempt to shut down a Faculty Club party. In general, should the Discipline Committee excuse illegal acts when the defendant can demonstrate good intentions?

Threat of disruption

That wouldn't be any way to run a university. An affirmative answer sanctions any sort of protest by idealistic demonstrators; one side in a dispute could hold the other in check by the threat of disruption. A university community must dedicate itself to the rational settlement of disputes.

The BSU sit-in, then, should not be considered in some political contest. It would be foolish to expect the Discipline Committee to pass judgment on the Faculty Club dispute before determining what to do with those students identified as participants in the sit-in. During the disciplinary proceedings, no other considerations should outweigh the nature of the first:

No special procedures

There is no need for special procedures to assure that the blacks get a fair hearing. There are no racial overtones involved with the administration's charge; the procedure used to handle the sit-in in Johnson's office last winter should prove equally adequate for this fall's BSU sit-in.

In particular, the arguments for putting blacks weak. If some students worry that the regular undergraduate Committee members are not capable of attaining enough of an empathy with blacks and their problems, might not others wonder whether members specifically chosen to protect the interests of the accused will be willing to protect the community's interest as well? The General Assembly has already judged the current Committee competent to handle judicial issues — it should stand by that decision.

While summary, special allowances should not be made for the accused just because they were motivated by a need to protect "real grievances."
By Rob Lee

MIT is currently suffering from a lack of any recognizable kind of social activity. For various reasons, including lack of student and administration support, every attempt to sponsor a financially successful concert has failed miserably; it should be noted that "financially successful" does not mean highly profitable. Most of the sponsoring groups are just trying to break even. Such big-name draws like Mountain and Tom Rush have literally taken it in the ear, to the tune of $2,000 and $800 respectively. There are several reasons for these failures, but they are all irrelevant; the important thing is that unless some of the MIT functions become self-supporting, no group is going to attempt financial suicide and produce fiscal bombs that nobody bothers to enjoy.

The focal points of past MIT social season were the weekend parties, which were supported in great numbers by the MIT community. The Inter/Entertainment Conference (IFC) is making an investigation into the possibilities of producing another weekend event, and, concurrent with this, will be sponsoring a beer-blast this Saturday. MIT's last beer-blast, staged last March, failed completely; there is, however, reason to believe that this one will do better. In the past, the beer-blasts have been produced in conjunction with a weekend, and consequently attendance has been high. The IFC doesn't expect to make a profit on this one, but it does hope to break even.

The IFC has hired the Parlaments and Funkadelic to provide the music, and has also contracted for 25 half-barrels of beer (Budweiser, of course). The group chosen got rare reviews at a similar function at BU several weeks ago, and feedback reports that they are strictly a beer-blast type group. The Parlaments and Funkadelic are the two separate groups that are rapidly becoming the center of the group, with the Parlaments providing the instrumental and Funkadelic the vocal. (Please turn to page 8)

By Jay Pollock

In this year of popular music lethargy, when first-rate artists are putting out second-rate albums and everybody is wooing what to listen for next, it is reassuring to hear that at least one group continues to move forward, constantly progressing.

In one of the finest performances of the year, the Incredible String Band presents U, a two record set. The music was originally performed live along with a pantomime group called the Stone Monkey. As a unit, U doesn't really hold together that well and was reviewed poorly as a live concert. At just an album though, it contains some of their best material and their strongest work to date.

The Incredible String Band have been turning out excellent albums at a fantastic rate for three years. (They have yet to hit the Billboard Top 200 albums with any of them.) Mike Heron and Robin Williamson are the center of the group and write all of the material. Their songs contain complex images and beautiful fantasies. Their melodies are unmatched. More recently, they have taken to occasional rock and roll which are largely parodies. An amusing example of this is "Rific's Rocka Ruff, which describes how a robot is frustrated in his attempt to win the love of the beautiful Numb Number Three and laments, "That's why I got those old folk blues Down in my compartment / Down to my magnetic side disk." Reading that, one might think it sounds like a ten-year-old comic idea, but when the ISB do it, even with the boogie woogie piano accompaniment, it isn't corny because the whole idea is just so alien to their style that it comes off as a hilarious number.

This point of their style is very important. If you haven't seen them in person, then it may be hard to understand the radi- cally innovative technique they have used. The ISB have continually progressed. The two guys, along with their rhythm section, can, in a few minutes, do an extremely ad- aptation of the ISB. Much of their live sound on disc. And the producer, John Wood, has gotten almost perfect rhythmic patterns without them. Their whole presence brings to mind such words as delightful, heartwarming, charming, which sound overly dramatic but are accurate descriptions of the responses they get. The thing is, the songs are more beautiful, their vocals more powerful. This is nothing new, but the response is more inventive. Espe- cially good are "Robot Blues," "Queen of Love" and "Bridge Song." For all of its almost two hours, the Sitar. Much of their live sound is scattered with comments through the script. But the character of Rhein- hardt goes to work for right- creed, or color. Cause I'm a

By Emanuell Goldman

Broke and hardened, Rhein- hardt figures that in order to survive, let alone make a buck, he's going to have to sell part of himself. The question is how much he's willing to sell. "If there's one thing I object to," he tells his girl friend, "it's discrimina- tion on the basis of race, color, creed, or cause. Cause I'm a liberal." Yet this same Rhein- hardt goes to work for right- wing WUSA, a New Orleans radio station concerned with "crime, the decline of patrio- tim, and welfare chiseling."

In the tradition of Beckett and I Can Get It For You Wholesale, WUSA chronicles the Great American Sellout, with an added political twist. Rheinhardt (Paul Newman) suppresses his revolution at what he's doing, but in the process, becomes increas- ingly alcoholic and miserable. Although his story soon be- comes uninteresting (how far will Rheinhardt go before de-stroying himself?), the slack is picked up by Raisy (Tony Per- kins), an idiosyncratic, unstable social worker living in the same building as Rheinhardt, and tak- ing a welfare survey ordered by City Hall. Raisy's investigation of the slums and the destitute provides marked contrast to the radio station's welfare attacks. The point is, though if some blacks chutz work, they de- serve every cent they can get, because of the immense wrongs they have suffered in America. Raisy finally discovers that the survey he is taking is ac- tually ordered by WUSA for the purpose of unmasking wel- fare cheating and making a scoa- dal. This revelation drives Rheinhardt to deep action, lead- ing to a wild finale.

WUSA is a funny film, not so much because of the storyline, but because it reflects the polariza- tion, the extremism, and the violence that are rapidly becoming the state of mind of America. In this way, it is similar to recent films about campus radicals; however, WUSA, of course, focuses on the right. The Paul Newman-Joanne Woodward plot is tedious and melodramatic, mostly because of the script. But the character of Raisy is a memorable one; in- deed, if Raisy had been the protagonist rather than Rhein- hardt, WUSA would have been much more powerful film. At the Cheri Theatre Complex.

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W. U. S. A.

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Committee because the sit-in was charged. Thus the rights of the defendants are not violated by the GA substitution.

In summary, the issue of the Faculty Club dispute is the same issue in that of the sit-in. Both are still disputes mainly because of the liberal attitude toward racism which is practiced by the MIT Administration and the Faculty Club management. Disciplinary action is no way to get any possible constructive results on this problem. The rights of black workers and black students must be respected to mitigate racism on this campus.

Lewis vs. Commission: Contrast in perspective

(Continued from page 4)

The importance of historical perspective in shaping institutional goals should not be underestimated. The importance of understanding past mistakes as part of an effort to avoid new ones is also significant. But the MIT Commission has taken the view that today's problems are not answerable to historical solutions but instead require "creative renewal" and effort to "seize the time" rather than re-emphasize old values. The Commission's report indicates that old values must be built upon, but with the new ideas and new perspectives drawn from an analysis of contemporary problems.

The须�30 substitution is in accord with the Undergraduate Association Constitution, and does not change the terms of the regular representatives leave of absence while these cases are heard. Admittedly, putting blacks on the Committee will not solve the problem of students vs. faculty, which is the major source of student discontent with the Committee. And the appointment of black activist leaders is a step in the right direction. It is not my contention that the regular members of the Committee are racist or inadequate. Rather, black students picked by the BSU and the GA can do a better job in these cases. If some other group can demonstrate that there is enough discrimination against them to warrant similar treatment in a disciplinary case, then the GA should give it to them also.

Substitution allowed?

Some faculty have raised the question as to whether this substitution would be allowable. Under the regulations of the faculty, students members are to be selected "according to the procedures of the respective student government . . . they should serve for one year." The proposed substitution is more likely to galvanize the community into action.

BSU discipline-two views

(Continued from page 4)

And preferential hiring and admissions for minorities is part of an official policy, though not a well-known. MIT program called the "Affirmative Action Plan.

But instead, apparently in response to a number of faculty complaints, the administration filed disciplinary charges against some of the black students involved in the sit-in. The Committee seems to have been more or less divided into two camps: one favoring formal disciplinary action, the other favoring an informal settlement. The latter apparently agreed to bring charges to placate the hard-line Administration faction, and the GA must go beyond statements of sentiment.

The BSU and 28 possible defectors have lent their approval to a motion to be presented to the Disciplinary Committee.

Under the above circumstances, should the General As- sembly intervene in the discipline issue? Only if, first, the defectors want it. For effective GA action, students must really oppose this disciplinary action, and the GA must go beyond statements of sentiment.

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Second, a plan of action if formal disciplinary trials are held; since any trials on the sit-in will be political (Administration charging protesters) and concerned with an issue of racism (Faculty Club dispute), there is every reason to have black students' views represented in the discipline process. The best way to do this is to put black students on the Disciplinary Committee for these cases, giving the regular representatives leave of absence while these cases are heard. Admittedly, putting blacks on the Committee will not solve the problem of students vs. faculty, which is the major source of student discontent with the Committee. And the appointment of black activist leaders is a step in the right direction. It is not my contention that the regular members of the Committee are racist or inadequate. Rather, black students picked by the BSU and the GA can do a better job in these cases. If some other group can demonstrate that there is enough discrimination against them to warrant similar treatment in a disciplinary case, then the GA should give it to them also.

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Some faculty have raised the question as to whether this substitution would be allowable. Under the regulations of the faculty, students members are to be selected "according to the procedures of the respective student government . . . they should serve for one year." The proposed substitution is more likely to galvanize the community into action.

The importance of historical perspective in shaping institutional goals should not be underestimated. The importance of understanding past mistakes as part of an effort to avoid new ones is also significant. But the MIT Commission has taken the view that today's problems are not answerable to historical solutions but instead require "creative renewal" and effort to "seize the time" rather than re-emphasize old values. The Commission's report indicates that old values must be built upon, but with the new ideas and new perspectives drawn from an analysis of contemporary problems.

BSU discipline-two views

(Continued from page 4)

And preferential hiring and admissions for minorities is part of an official policy, though not a well-known. MIT program called the "Affirmative Action Plan.

But instead, apparently in response to a number of faculty complaints, the administration filed disciplinary charges against some of the black students involved in the sit-in. The Committee seems to have been more or less divided into two camps: one favoring formal disciplinary action, the other favoring an informal settlement. The latter apparently agreed to bring charges to placate the hard-line Administration faction, and the GA must go beyond statements of sentiment.

The BSU and 28 possible defectors have lent their approval to a motion to be presented to the Disciplinary Committee.

Under the above circumstances, should the General As- sembly intervene in the discipline issue? Only if, first, the defectors want it. For effective GA action, students must really oppose this disciplinary action, and the GA must go beyond statements of sentiment.

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'Discipline problem'

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Announcements

- A memorial service will be held at 3:30 pm today in Kneige Auditioning for Dr. Thomas Thompson; Dr. Thompson, a professor of Nuclear Engineering, was killed in a Nevada plane crash last Wednesday. He was on a leave of absence while serving as a member of the US Atomic Energy Commission.

- Course 11.505 Urban Studies Laboratory (2-5) has been approved for laboratory credit. Interested students should contact Professor Walter, 9-537, x6757.

- A forum on political repression and political defense will be held Monday, December 7, 1970, at 7:50 pm. Speaking in the Sals de Puente Rico in the Student Center will be Noam Chomsky, Steve Fraser, and Howard Zinn, among others. The program is sponsored by the Labor Committee, New University Conference, and the Fraser Boughman Defense Committee.

- THEM, a horror flick, is being shown as part of the UMOC contest tonight in 34-100 at 7 and 9:50 pm. Admission is 49 cents for the late show, and 48 cents for the early show, and can be contributed to the candidates of your choice. During intermission you will be treated to a demonstration of the ugliness of each candidate, and will be encouraged to donate more money in the form of projectiles.

- COMMON CAUSE is a new nationwide movement to revitalize government action on poverty, housing, international relations and who want to go to Europe for spring term of 1971 should contact Henry Cohen, 2-9652.

- Postdoctoral fellowships and lecturerships are still available through Senior Fulbright-Hays, SEATO and NATO for 1971-72. If interested in monarch abroad for next year, contact Dean Hazen (10-303; s2434) for further information.

- The MIT Department of Metallurgy and Materials Science will hold an Open House on Saturday, December 5. Starting at 10 am in 6-410 and continuing into the afternoon, members of the department will discuss and demonstrate some of the many areas of interest in Course III. All freshmen and undesignated sophomores are cordially invited to attend. Refreshments will be served. For further information, contact Harvey Cohen, 2-9652.

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Tickets are available from your living group social chairman,

TCA, 4th floor of the Student Center, and in the lobby of building 10.

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