

Registration tonight

600 guidance counselors to attend conference here

About 600 high school guidance counselors will register for MIT's eighth annual Guidance Conference this evening. The counselors, representing schools spanning the entire United States, are here to attend receptions, lectures, and seminars.

According to Mr. Eugene R. Chamberlain, Associate Director of Admissions, the conference is intended to familiarize the counselors with the MIT curriculum, admissions policies, and student affairs. It is financed by the Institute.

Registration at Sheraton

Registration for the Conference takes place tonight at 10 pm at the Sheraton Hotel. The program closes Friday evening. MIT officials will speak Thursday morning at the opening session in Kresge Auditorium's Little Theater. The program will begin with a welcome from Charles H. Townes, provost. Roland B. Greeley, Director of Admissions, will preside over talks delivered by representatives of MIT's five schools, cumulatively entitled, "A University Polarized Around Science."

A luncheon, sponsored by the MIT Athletic Department, will take place at the duPont Athletic Center. Guests will dine with MIT students from their respective areas.

After special meetings and a general session, five MIT professors will speak on "New Approaches in Teaching." Professors addressing the session are: Amar G. Bose, Associate Professor of Electrical Engineering; Nathaniel F. Frank, Professor of Physics; Roy Lamson, Professor of English; Hartley Rogers, Jr., Associate Professor of Mathematics; and, presiding, Jerrold R. Zacharias, Professor of Physics. The day closes with a reception at President Stratton's house and dinner at the MIT Faculty Club.

Advanced Education Program

Friday morning, R. Philip Hugny, Director of Advanced Studies Program, St. Paul's School, Concord, New Hampshire, will lecture on the state-wide advanced education program in his state. Roland B. Greeley will speak on admissions processes and require-

ments, and Kenneth R. Wadleigh, Dean of Student Affairs, will describe guidance at MIT, Richard W. Willard presides.

Following a luncheon in the Campus Room of Graduate House, MIT's psychiatrist Dr. Benson R. Snyder will speak at an informal session, Eugene Chamberlain presiding.

Admissions Discussed

Smaller, seminar-like groups will discuss admissions policies throughout the afternoon.

The conference closes with dinner at the Faculty Club and with Paul M. Chalmers, Associate Director of Admissions, presiding over an address by Humanities Department Head Richard M. Douglas. Buses return guests to the Sheraton Hotel at 9:30.

Major academic changes asked

By Bill Judnick

The proposal that a quarter system be adopted with normal student loads of three equally weighted subjects per term is among the many suggestions found in the "Interim Report" of the Committee on Curriculum Planning to the Committee on Educational Policy. The report was distributed to Faculty members at the close of last term.

The committee, whose chairman is Professor Jerrold R. Zacharias, also went on record favoring:

- 1) A reduction in the number of specified core science subjects, in favor of the inclusion of elective subjects in both science and engineering, in the General Institute Requirements;
- 2) More flexibility in the freshman program to provide for differences in academic background, and the possibility of special engineering electives in the first year;
- 3) Project-orientated laboratory experience in the first two years, and explicit provision for free elective time in the last two years;
- 4) Advanced placement credit from high school

being retained in modified form, advanced standing procedures being altered, and overloading for credit being restricted;

5) The senior thesis becoming a departmental, rather than Institute, requirement; and that

6) A degree of Bachelor of Science without specification being awarded under appropriate circumstances.

Depth presentation

Under the proposed quarter system, a normal load of three subjects per term would be established with three terms comprising the academic year. The maximum permissible overload with credit per term would be one subject. The unit of "term subject" would be adopted for measuring degree credit, 36 of which would constitute the degree requirement. All subjects would receive equal weight.

The Committee emphasized that the quarter system could be considered independently of the other proposals, and pointed out that most of the recommendations could be incorporated into the present two-semester year. The Committee believed, however, that the student would benefit from "in depth" study of fewer subjects at a time:

"At present it is necessary for the student to do many things simultaneously. Although the rigor and pace of the current MIT program is of value, the student is often prevented from immersing himself in specific areas and problems with the thoroughness that will be later required of him as a professional scientist or engineer."

Core subjects

The committee recommended that the specific core requirements consist of one term of chemistry, three terms of mathematics, three terms of physics, eight terms of humanities and social science, and three terms of electives in science.

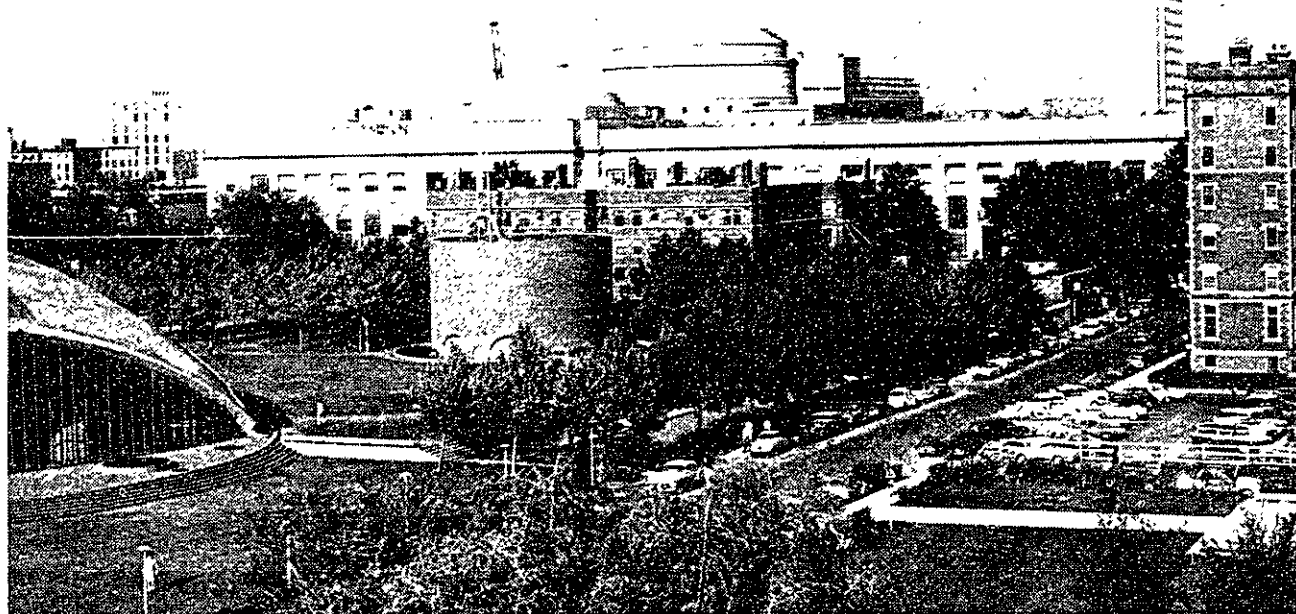
Although the number of humanities or social science subjects would remain the same, the proposed equal subject rating indicates that an MIT student would devote at least 25 percent more of his time to non-technical courses. The present eight hour subject would become the "term-subject" equivalent of a ten hour course.

Science electives would be chosen from the following disciplines: applied science, chemistry, earth sciences, life sciences, mathematics, and physics. Distributional restrictions have not been explicitly formulated as yet in the suggestions. The committee has recommended, however, that departments should be limited in the extent that they could influence a student's choice under their jurisdiction.

Three advantages of the more flexible core outline were cited in the report: an intelligent

(Please turn to Page 2)

The Tech



Vol. 83, No. 18 Cambridge, Massachusetts, Wednesday, October 9, 1963 Five Cents

For East Campus, Bexley

Frankel, Larkin new faculty residents

Both East Campus and the newly converted Bexley Hall men's dormitory have new faculty residents this term. Professor Ernst Frankel is the new house master of East Campus, and Pro-

fessor Emmet J. Larkin is the first faculty resident of Bexley Hall.

Frankel, German-born assistant professor in the department of naval architecture, has been at MIT for three years. He received his BS and MA at the University of London, worked in Israel for a shipping firm, and came to MIT in 1959, to earn his engineering degree.

One of his aims as house master is to get more residents to participate in activities. He pointed out that at least half of the East Campus residents don't participate, "they more or less crawl into their little mole holes."

Frankel succeeds Lt. William Curry as East Campus faculty resident.

Larkin, an assistant professor in the Humanities Department, received his BA at the University College of New York University. He earned his MA and PhD at Columbia University, and spent one year at the London School of Economics on a Fulbright award. Before coming

to MIT three years ago, he was an instructor at Brooklyn College.

Apartments, according to Larkin, have advantages over dormitories, such as privacy and more freedom in choosing congenial roommates.

The men at Bexley "have a tendency," according to Professor Larkin, "to see the least government as the best possible."

They have organized a committee system characterized by "informality" and "minimal government."

Killian speaks

Fund, professorship announced at McCormick Hall dedication

The endowment of a professorship for women and the establishment of a fund for inviting distinguished women scholars to MIT was announced by Dr. James

R. Killian, Jr., Chairman of the Corporation, at the dedication of McCormick Hall on Monday afternoon.

Edwin F. Webster and Mrs. Abby Rockefeller have established the fund. Mrs. Mauzer has endowed the professorship.

The dedication ceremony took place in the courtyard of MIT's first on-campus residence for women. Guests of honor were: Dr. Killian; President Julius A. Stratton; Mrs. Stanley McCormick '04, donor of the Hall; and Mrs. Karl T. Compton, widow of the past president of MIT.

In presenting the dormitory Mrs. McCormick referred to the edifice as "a dream-come-true." Accepting for both the Corporation and the students, Dr. Stratton stated that the Hall is a confirmation of MIT's commitment to the education of women.

Technical material stressed in revised reading course

A developmental reading program placing emphasis on technical material will begin October 14. Mr. George Gibson, Director of the Division of Audio-Visual Education at the Harvard Business School heads the course.

Mr. Gibson directed a developmental reading program at MIT last spring which concentrated equally on improving reading speed and comprehension.

Tech Coop refunds ready October 14

\$115,000 in Patronage Refunds will be distributed to the MIT community by the Harvard Cooperative Society, October 14. This is 20 per cent of the total \$570,000 to be available at Technology and Harvard Stores. Checks not picked up will be mailed out beginning November 1. The patronage refund is being paid on total sales of \$9,210,000 for the past year.

The total membership of the Society is 46,600. The Technology Store has 12,200 members, with 6,600 of these students. The patronage refund is being paid on total sales of \$9,210,000 for the past year.

This year the course will examine more technical material. This plan of approach was suggested by an evaluation of the program by the Student Committee on Educational Policy.

According to Warren Anderson '65, member of the SCEP evaluation committee, over seventy per cent of the students who took the course last year expressed satisfaction.

The course is strictly voluntary and carries no credit. The all-inclusive fee for the program is twenty-five dollars.

Payment of the twenty-five dollars should be made to the Cashier's Office.

Two sections of the course will be offered: 3-3:55 and 4:05-5 pm, Monday, Wednesday and Friday. All students enrolled in the course should report to the first section meetings, October 14, in 4-270.

The enrollment for the program is limited to 150 students, 75 in each section.

Questions concerning the developmental reading program should be directed to William Speer, Associate Dean for Student Counseling, or his secretary, Mrs. Leland in 7-133, ext. 4861.

Hans Ziegler, visiting professor for 1963-64, is a leading authority on theoretical mechanics

Dr. Hans Ziegler, a leading authority on theoretical mechanics, will spend the 1963-64 academic year at MIT as the Jerome Clarke Hunsaker Visiting Professor in Aeronautical Engineering.

Dr. Ziegler is professor of technical mechanics at the Eidgenossische Technische Hochschule at Zurich, Switzerland. He will be on leave of absence from that institution to teach and do research at MIT during the coming year.

Dr. Ziegler's broad interests in theoretical mechanics cover gy-

roscopics, stability theory and plasticity, with particular concern for the engineering application of the theoretical mechanics.

More recently, Dr. Ziegler has become interested in irreversible thermodynamics. A paper he presented before a congress in Berlin in 1962 is considered an important milestone in development of theory dealing with such irreversible processes.

He is the author of several technical books dealing with mechanics.

Quarter system among proposals

(Continued from Page 1)

choice of professional specialization would be facilitated; insight into application of scientific principles could be introduced at an earlier stage; and electives could contribute to later departmental programs.

The proposed quarter system would facilitate the arranging of alternative programs in the freshman year. Each incoming freshman would be provided with information to help him determine whether or not he was ready for the normal first year program. If not, he could enroll in a "Background tutorial" for one term by giving up a third term elective and postponing physics to the second and third terms. Also, a student who found the normal program too demanding would be able to take this alternative schedule his first year.

Another proposal which may affect future freshmen is the following: "The committee recommends that the existing required laboratories associated with core subjects in physics, and chemistry be dropped, and that, instead, each student be required to take two one-term laboratory subjects during his first two years." Such subjects could be

chosen from a group of at least ten offered by the various departments.

The practice of awarding degree credit for advanced work in high school would continue under the proposed new system, with one modification: "The total amount of credit given for the degree should be commensurate with that given by comparable universities, but the particular subject credits awarded should depend upon the content of subjects at MIT."

Thus, for example, a student with a year of intensive high school calculus might be given two terms of degree credit in mathematics, or one term in mathematics and one term of free elective time — depending upon the content of the high school.

Advanced Standing

The committee is of the opinion that "the purpose of advanced standing examinations should be the enrichment of a student's education by increased variety and depth of study, rather than acquisition of credits." They therefore recommend that "Independent Study Examinations" be given instead which would be graded only as "satisfactory" or

"unsatisfactory" and entered upon the student's record. Credit in the form of units accumulated toward graduation would not be given.

They also suggest that an upper limit be placed upon the number of subjects taken per term in which a student may register for credit. Under the quarter system, this number would be four, the equivalent of 60 hours at present. No restrictions on auditing were proposed.

Unspecified Degrees

In support of a recommendation of Professor Philip Franklin to the Committee on Educational Policy, the report favors the granting of a Bachelor of Science degree without specification to those who have completed the General Institute Requirements, and have been so recommended by their faculty advisors.

All proposals made in the "Interim Report" were the unanimous recommendations of the Committee on Curriculum Content Planning. The members of the Committee are: Professors Holt Ashley, P. Thibaut Brian, Carvel Collins, Martin Deutsch, Carl Garland, William Letwin, Cyrus Levinthal, Hartley Rogers, and Jer-

rold Zacharias (chairman).

The Committee was founded in March of 1962, by the Committee on Educational Policy to study the undergraduate program and future curricular needs of MIT. Pace and subject presentation were considered important factors in the study. Further work by the Committee will include admissions policy and the MIT "image."

Applications ready to organize flights

Any student interested in organizing charter flights or group flights for the MIT community during this academic year should pick up an application at the Office of the Dean of Student Affairs, Room 7-133, by October 9, 1963.

This application includes flights prior to June, but excludes charter or group flights for the summer of 1964.

Socialist club organizes at meeting Sunday, 2:30 pm in Room 7-108

The Socialist Club Organizing Committee will hold its first open organizational meeting Sunday at 2:30 p.m. in Room 7-108. All socialists and students interested in socialism are invited to come and present their views and ideas.

The program of the proposed socialist club will emphasize discussion and study of socialist theory and practice. Two series

of discussions with occasional invited speakers are envisioned: one entitled 'What Socialism is' and one entitled 'Prospects For Socialism'.

The advisor to the proposed socialist club is Professor Patrick Wall of the Department of Biology. For further information, contact either Bill Steffy or Lee Evenchick at 864-7335.

Physicists discover anti-Xi-Zero particle

A team of Yale University and Brookhaven National Laboratory physicists has observed the production of a new anti-particle, the anti-Xi-Zero. Although its existence has been predicted on theoretical grounds for several years, the Yale-Brookhaven experiment provided confirmation.

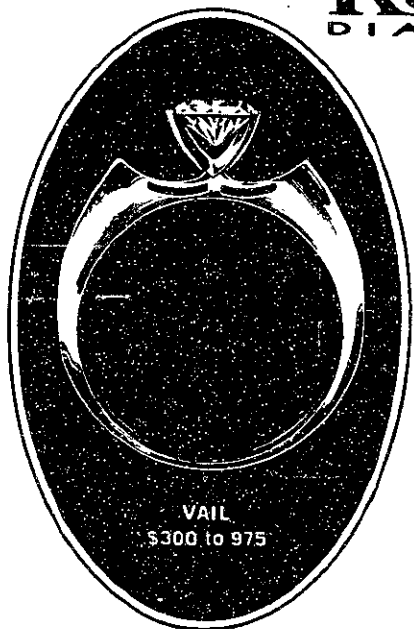
For this experiment, a beam of anti-protons at an energy of 3.69

Bev, separated by an arrangement of magnets and electrostatic separators, was directed into a 20-inch liquid hydrogen bubble chamber. Out of some three hundred thousand photographs of proton-antiproton interactions obtained in the bubble chamber, three events were observed in which an anti-Xi-zero was produced.

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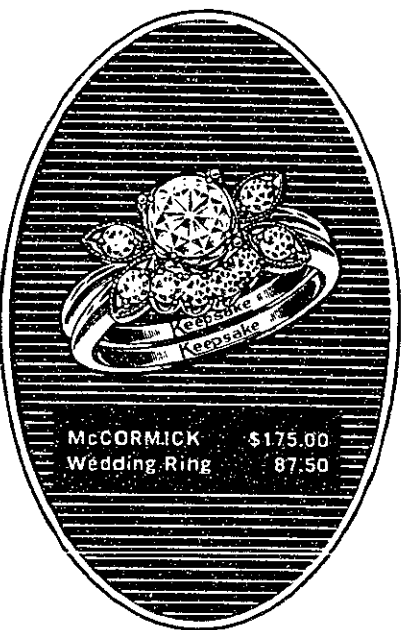


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Cherchez la Femme

By David E. Trevvett
Last weekend's mixer schedule was so crowded that we missed the first weekend of Wellesley mixers, as well as a flock of Smith mixers. We hope to atone for this with the following information:

Friday, October 11
Charlesgate, BU, annual fall mixer; 8-11:30 pm, main-floor of Four Charlesgate East; refreshments; Mike Youngman and his band; tickets necessary for admission, available in different dorms and fraternities; for more tickets, call CO 7-7600, ask for social chairman.

Brandeis, Waltham, all-college mixer; 8:30 pm, Kutz dining hall; ties and jackets; \$99.

Chandler School for Women, mixer for the two resident houses; strictly invitational; invita-

tions available at some dorms and fraternities, or call Holly Milius at Fensgate residence.

East Campus, Carnival Mixer, Talbot Lounge, 8-12 pm; \$1.75 for males, girls free; girls requested to bring college ID's.

Lawrence Memorial Hospital School of Nursing, Nurses' Residence, 170 Governor's Road, Medford; 8-12 pm, \$99 admission; Pete Derba's band.

Saturday, Oct. 12
Saturday night will feature a Hillel mixer at Smith and the rest of the dorm mixers at Wellesley. On the agenda for the following weekend are a mixer at Harriet E. Richards House, BU; the all-campus mixer at Chandler; a social at Emmanuel; and a TCC mixer here. And don't forget the North House mixer this week (at a local, elite girls' school).

New secretary

Skidmore graduate fills TCA vacancy

By Gene Sherman

A bright addition to the staff of the Technology Community Association is a new secretary, Miss Dotsie Reed. A native of Newton, Massachusetts, Dotsie comes to MIT after a June graduation from Skidmore College.

Although her major was practical art, she particularly likes her new secretarial job. She added, "I didn't want to find myself working alone in a corner, and TCA appealed to me because I can work with people." During her college summers, she worked in Plymouth as a tour guide.

As might be expected, her major interest centers around her artistic abilities. As a hobby she writes and illustrates children's literature. One of her works was previously submitted to a publisher but was rejected. She is presently preparing another children's book, which she hopes to have published soon.

She bicycles occasionally, but this diversion has met with less favor since the summer of 1961 when she toured England, Scotland, Ireland, and Wales by bi-



Dotsie Reed

cycle. Joined by another girl, she crossed the Atlantic on an immigration boat and began the two-and-one-half month adventure in London. Averaging fifty miles a day, the two spanned the countryside, spending nights in "Pubs" and youth Hostels," Dotsie added, "I found it a wonderful way to travel, but I doubt that I could do it again."

Student government played a major role in shaping her activi-

ties at Skidmore. During her junior and senior years, Dotsie served as a counselor to freshmen. Dotsie headed Skidmore's Student Curriculum Committee as a senior, and under her leadership a re-evaluation of the Skidmore educational program was conducted as a prelude to the construction of a new \$22 million campus.

Settling in MIT's predominantly male atmosphere after four years at a women's college, Dotsie notes that the change requires here to keep her feet on the ground. She said that it would be very easy "to go crazy when surrounded by so many men." Comparing the MIT man to the classical Ivy Leaguer, she praised the individual variety that she has seen at MIT.

Dotsie's father is a Boston attorney. She has two younger sisters, one a senior at Tufts majoring in elementary education and another in high school. Dotsie predicted that her youngest sister would be the first woman president of the United States, for "she's got the brains of the family."

Computer causes scholastic rank error

The scholastic standings of living groups computed on June 1963 grades have been subject to four revisions because of faults in the computer program used to calculate the standings.

The main problem was that the computer program had not been designed especially for the task. Some of the resultant mistakes involved attributing grade averages of 1.7 to students with advanced placement credit. A second source of error resulted in the computer's improper recording of listeners.

Most copies of the first incorrect versions of the ratings were destroyed in the Office of the Dean of Student Affairs where they had originated. Copies of the final corrected version dated September 10 were sent to all fraternities and dorms.

An earlier copy published in The Tech, September 25 contained two mistakes: Sigma Alpha Epsilon should rank 16, not 27; Kappa Sigma should rank 22, not 10.

According to Owen Haselton, Assistant Registrar, no changes have been made in the program of the 1401 computer so that similar problems will not arise in the future. Although changes aimed at eliminating the present errors are planned, nothing will be done to change the basic method of computing living group averages.

At present the grade averages for individual students are used with no account made of the number of hours of the separate course. These averages of two significant figures are then used to make the living group average, which is carried to four significant figures so that the groups may be conveniently ranked.

Dale Stanley to sing at JP formal; ticket policy to be stated Saturday

Dale Stanley, local soprano folk artist, will sing at the formal dance of the 1963 Junior Prom, Friday evening, November 8. In addition to performing at such local clubs as the Unicorn and Club 47, Miss Stanley has sung at the L'hibou in Ottawa, Canada and before sellout crowds at Syracuse University and Brandeis.

All living group social chairmen have been invited by the

committee to a meeting in the Vannevar Bush room this Saturday at 10:30 a.m. At this time ticket policy will be announced, and any questions about JP will be answered. The price of weekend tickets will be \$13.50, the same as last year.

Dr. C. Olin Ball to give lecture on food science

Dr. C. Olin Ball, major contributor to safe food canning, has been selected to deliver the first Underwood - Prescott Memorial Lecture November 18, 1963.

The new Underwood-Prescott award is presented each year to a scientist for his contributions to the advancement of food science.

Dr. Ball is responsible for bringing the science of mathematics to thermal processing of foods. Today the canning industry throughout the world relies upon his studies published in the early 1920's for determining time and temperature calculations for safely canning food products. Ball is the holder of a doctorate in applied mathematics and electrical engineering.

The Underwood-Prescott endowment provides an honorarium and traveling expenses for the scientist named winner of the award each year. It is expected that the lectures will bring together the principal concepts for the advancement of food scientists and will represent a significant resource for further research.

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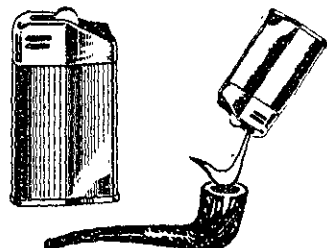
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The Stockholders, at the Annual Meeting on Friday, October 4, 1963, made the following nominations for Stockholders, Officers and Directors:

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Educating the world

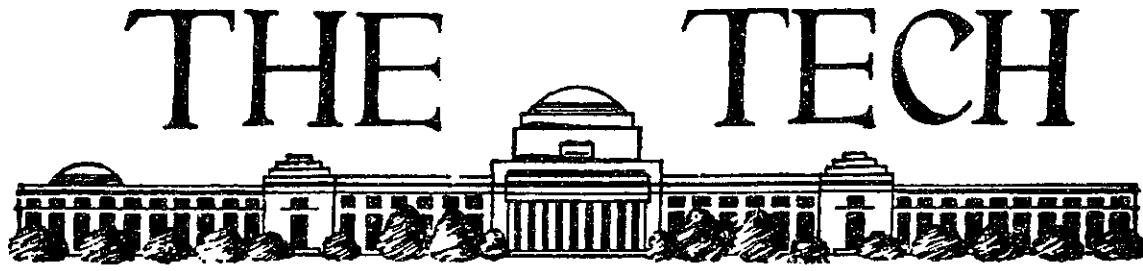
MIT is running its own foreign aid program. Amounting to over a million dollars a year, this aid represents the difference between the tuition paid by foreign students and the actual cost of their education.

This subsidy is extended to 800 MIT students, 12.6% of the Institute's student body. Only one other American university has a higher proportion of foreign students. Howard University, a predominantly Negro school in Washington, D.C., claims 16.7% of its students come from other nations. Third-place Harvard's student body has 8.7% foreign

students. The United States spends several hundred million dollars a year for funding foreign students. Yet dollar for dollar the program is probably our best buy in foreign policy.

Sen. J. William Fulbright, one of the guiding spirits behind the student exchange movement, says, "The impact is on the people who are going to make governments, who are going to lead."

Students at MIT have the opportunity of studying side by side with this world leadership of the future. We hope students will try to gain understanding and break down the wall of ignorant prejudice that divides man from man.



Established At MIT In 1881
Vol. LXXXIII No. 18 Oct. 9, 1963

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Philip Louthan '65

Mark Rockman '67
Mark Rosen '67
Alan Saleski '67

Judy Sahagen '67
Lydia Castle

Ted Trueblood '67

Janine Knauf '67

John C. Rylaarsdam '67
William Sexauer '67

Thomas Nakagami '67
David Ofsevit '67
Susan Pitt '67

Letters to The Tech

Sussman report

To the Editor:

The most outstanding point left after reading the Sussman Report was that it contained nothing that is not trivially true to anyone familiar with MIT.

My second strongest impression is that Sussman left absolutely no indication of how morale at MIT could be improved.

She approached the problem from the viewpoint of changing the school rather than that of dealing with the individual.

Empirically, most tech students can divide their fellows into three groups: the "social normals"—those who divide their time between the academic and the non-academic and who mix socially according to the present standards of society; the "social cripples"—those who refuse all non-academic activity and who are socially inept; and the "social novices"—those who share the attributes of the previous two groups in varying degrees.

Looking at the problem of morale from this viewpoint, the school is not the place where changes are needed. Only personal effort—some work with the individual—can alter the ragged student appearance at MIT.

The Sussman Report merely parrots the known facts and adds no advancements. The problem of MIT's morale is the problem of MIT's students. It is the recurrent problem of the social adjustment of individuals of high achievement.

The Institute would do better to work on that level—to ap-

proach the "cripple" and the "novice" and to provide them with the realization that life is not an isolated system permeated only by inert physical phenomena.

Bob Morley, '66

Too much noise

To the Editor:

Last week my 1.511 class was completely disrupted by very loud sounds of drilling, or riveting, or something, going on in an adjacent room. This is nothing unusual at MIT and seems to happen regularly.

I am sure that the time of our professors, not to mention us poor students, is much more valuable than that of a few workmen. Would it not be possible to schedule this racket for the evening hours, even if it means overtime pay? Alternatively, couldn't the classes affected be temporarily transferred to some other rooms?

All that seems to be lacking here is a little organization.

Pierre Berube, '64

Foreign students

To the Editor:

You commented in a recent front page article that "MIT continues to have the second largest percentage of foreign students at any U.S. educational institution."

We are interested to know which schools are first and third in this category.

Gordon Everest

Peter Metz

Editor's note: An editorial on this topic appears on this page.

Kibitzer

By MICHAEL LINAH

NORTH

♠ Q 7 4 2
♥ 9 7 6 3 2
♦ 7
♣ A 9 8

WEST

♠ 9 8 3
♥ K 10
♦ Q J 8 4
♣ K J 5 3

EAST

♠ A
♥ J 8 5 4
♦ 10 9 6 3 2
♣ Q 6 2

SOUTH

♠ K J 10 6 5
♥ A Q
♦ A K 5
♣ 10 7 4

Duplicate. East dealt. North-South vulnerable.

East	South	West	North
Pass	1 N.T.	Pass	2♣
Pass	2♠	Pass	3♠
Pass	4♠	All Pass	

West led the Three of Spades. Many hands have two possible lines of play. Too often a player will be satisfied when he discovers one way to play the hand and will proceed, only to discover later that his line of play fails against alert opponents.

This week's hand was played in last Saturday's duplicate master point tournament in the Blue Room, Walker Memorial. Four North-South pairs bid and made Four Spades. Two pairs bid Four and went down one, and one pair bid Two and made Three.

The opening spade lead is the key to setting Four Spades. With any other lead, normal play will fulfill the contract. The Ace and King of diamonds may be taken, discarding a club from dummy. The Club Ace is taken and dummy's last club conceded to the opponents.

At worst, the opponents can lead two rounds of spades and declarer is in again to ruff a club and a diamond with dummy's two spades. East and West get a spade, a heart and a club trick, and the contract is made.

The above line of play fails against the opening spade lead. East won the opening lead with his Spade Ace, declarer playing low from his hand and the dummy, and led back his Four of Hearts. The Queen was finessed and West's King took the trick. West led a second spade which was won with the Ten by South. East discarding a diamond.

Declarer can no longer count on two ruffs in dummy, since West will lead a third spade when he gets in with a club. Another line of play is taken.

Hoping for no worse than a four-two split in the heart suit, declarer takes his Heart Ace, leads a trump to dummy's Queen, and ruffs a heart in his own hand.

The Ace and King of Diamonds are taken, discarding a club, and the diamond Five is ruffed with North's last trump. A fourth heart lead takes out East's remaining heart and is ruffed with South's last trump. A club is led to the Ace and dummy's fifth heart provides the tenth trick.

The winners of Saturday's tournament were: Richard Freedman and Norman Humer for North-South and Frank Darmory and Barry Skeist for the East-West pairs.

PUZZLER: Answer to last week's hand by Michael Linah: ♠ Q J 10 9 6 4, ♥ void, ♦ A K Q J 5 3, ♣ A.

After opening One Spade, your partner raises to Two Spades. What action do you take?

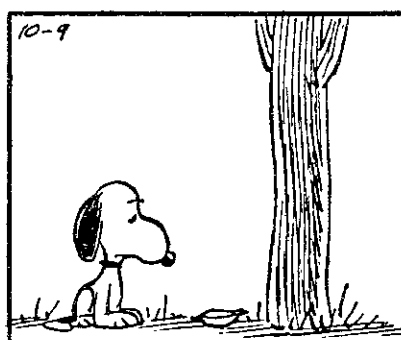
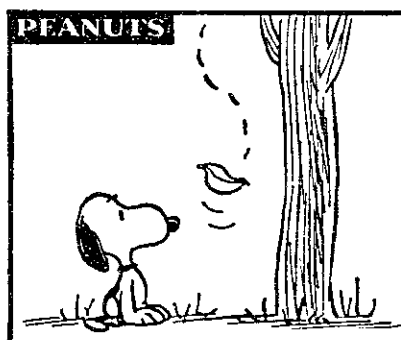
Answer: Five No Trump. This is the Culbertson Grand Slam Force. Partner will bid Seven Spades if he holds two of the top three honors in the trump suit, otherwise Six Spades. Blackwood would not help you at all here.

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New construction causes parking crisis

By Gene Sherman
During the last twenty-four months construction at MIT has sizeably reduced the area of MIT's parking facilities. The general cutback on campus parking has prompted a basic reduction on departmental parking assignments and has made on-campus parking an acute student problem.

Earth Science Center and just last week by the initial phase of construction of the Life Science Center. The Main lot was completely lost when work began last spring on the Materials Science Center. West Lot was reduced by the construction of McCormack Hall and most recently by the construction of the Student Center. Off-street parking just west of Burton House was eliminated by new landscaping during the summer.

Additional construction this year will eliminate a portion of the Sloan Building's parking facilities, as the construction on the Center of International Studies is scheduled to begin this winter. Longer range plans will include the total elimination of the East Lot by the construction of a Chemistry Building and the reduction of West Lot facilities by the construction of a Graduate Center behind Kresge Auditorium.

As the parking problem has mounted, MIT has purchased or rented three new facilities. The Hayward Street Garage in Kendall Square was purchased. Temporary space has been rented in a lot at Albany Street and Massachusetts Avenue. A recent agreement has acquired space for MIT at Technology Square just off Vassar Street.

Stickers were issued this fall for all three facilities.

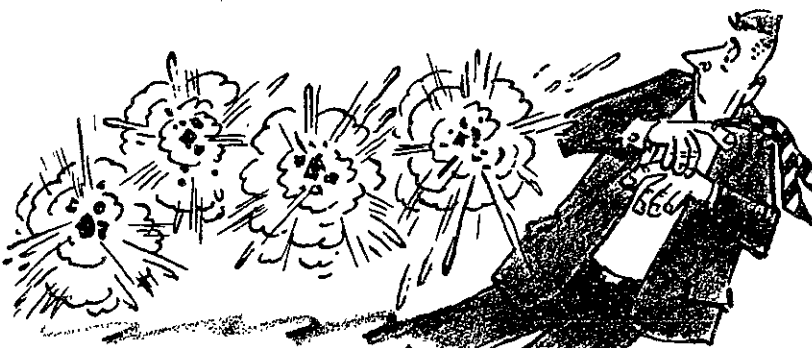


On Campus with Max Shulman
(By the Author of "Rally Round the Flag, Boys!" and "Barefoot Boy With Check.")

BOOM!

Today, foregoing levity, let us turn our keen young minds to the principal problem facing American colleges today: the population explosion. Only last week four people exploded in Cleveland, Ohio—one of them while carrying a plate of soup. In case you're thinking such a thing couldn't happen anywhere but in Cleveland, let me tell you about two other cases last week—a 45-year-old man in Provo, Utah, and a 19-year-old girl in Northfield, Minnesota. And, in addition, there was a near miss in High Point, North Carolina—an eight-year-old boy who was saved only by the quick thinking of his cat, Fred, who pushed the phone off the hook with his muzzle and dialed the department of weights and measures. (It would, perhaps, have been more logical for Fred to dial the fire department, but one can hardly expect a cat to summon a fire engine which is followed by a Dalmatian, can one?)

But I digress. The population explosion, I say, is upon us. It is, of course, cause for concern but not for alarm, because I feel sure that science will ultimately find an answer. After all,



Four people exploded in Cleveland

has not science in recent years brought us such marvels as the maser, the bevatron, and the Marlboro filter? Oh, what a saga of science was the discovery of the Marlboro filter! Oh, what a heart-rending epic of trial and error, of dedication and perseverance! And, in the end, what a triumph it was when the Marlboro research team, after years of testing and discarding one filter material after another—iron, nickel, tin, antimony, obsidian, poundcake—finally emerged, tired but happy, from their laboratory, carrying in their hands the perfect filter cigarette! Indeed, what rejoicing there still is whenever we light up a Marlboro which comes to us in soft pack and Flip-Top Box in all fifty states and Cleveland!

Yes, science will ultimately solve the problems arising from the population explosion, but meanwhile America's colleges are in dire straits. Where can we find classrooms and teachers for today's gigantic influx of students?

Well sir, some say the solution is to adopt the trimester system. This system, already in use at many colleges, eliminates summer vacations, has three semesters per annum instead of two, and compresses a four-year-course into three years.

This is, of course, good, but is it good enough? Even under the trimester system the student has occasional days off. Moreover, his nights are utterly wasted in sleeping. Is this the kind of all-out attack that is indicated?

I say no. I say desperate situations call for desperate remedies. I say that partial measures will not solve this crisis. I say we must do no less than go to school every single day of the year. But that is not all. I say we must go to school 24 hours of every day!

The benefits of such a program are, as you can see, obvious. First of all, the classroom shortage will disappear because all the dormitories can be converted into classrooms. Second, the teacher shortage will disappear because all the night watchmen can be put to work teaching solid state physics and Restoration drama. And finally, overcrowding will disappear because everybody will quit school.

Any further questions?

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* * *

Yes, one further question: the makers of Marlboro, who sponsor this column, would like to know whether you have tried a Marlboro lately. It's the filter cigarette with a man's world of flavor. Settle back and enjoy one soon

movie schedule

Wednesday, October 9 through Tuesday, October 15. (Unless otherwise stated the Sunday schedule is the same as the weekday schedule except that no movies are shown before 1:00 A.M.)

BEACON HILL — 'Stolen Hours,' 10:00, 12:00, 2:00, 4:00, 6:00, 8:00, 10:00; Sunday, 1:30, 3:30 5:30, 7:30, 9:30.

BOSTON CINERAMA — 'How the West Was Won,' 8:30 matinee Wednesday, Saturday 2:00, Sunday 1:00, 4:45.

BRATTLE — 'Violin and Ruler,' 5:30, 7:30, 9:30; 'The Great Battle of the Volga (Stalingrad),' 6:15, 8:15, 10:15. Starting Thursday: Satyajit Ray's 'Two Daughters,' 5:30, 7:30, 9:30, Sat. and Sun. matinees 3:30.

CAPRI — 'The L-Shaped Room,' 10:30, 12:35, 2:45, 4:55, 7:10, 9:25. Starting Thursday: 'The Lilies of the Field,' 10:30, 12:00, 2:00, 4:00, 6:00, 8:00, 10:00; Sunday, 1:25, 3:20, 5:20, 7:20, 9:20.

CINEMA — 'Lord of the Flies,' 2:20, 4:15, 6:07, 8:00, 10:00.

EXETER — 'Murder at the Gallop,' 2:20, 4:10, 6:00, 7:45, 9:35.

FINE ARTS — 'Last Year at Marienbad,' 5:30, 8:45; 'Sundays in Cybele,' 7:00, 10:00.

GARY — 'Johnny Cool,' 10:00, 12:00, 2:00, 4:00, 6:00, 8:00, 10:00; Sunday, 1:30, 3:30, 5:30, 7:30, 9:30.

HARVARD SQUARE — No movies today, benefit perf. 'Two Daughters,' 8:30 tonight. Starting Thursday: 'The Caretakers,' 3:15, 6:25, 9:40; 'Mouse on the Moon,' 1:45, 5:00, 8:10.

KEITH MEMORIAL — 'That Touch of Mink,' 'Lover, Come Back,' no times available.

LOEW'S ORPHEUM — 'The V.I.P.'s,'

10:15, 12:20, 2:40, 4:55, 7:19, 9:35; Sunday, 1:00, 3:00, 5:05, 7:20, 9:40.

LSC — 'Ballad of a Soldier,' Oct. 11, Room 10-250, 6:30, 9:00; 'The Honey-moon Machine,' Oct. 12, Room 10-250, 5:15, 7:30, 9:00; 'Bed and Sofa,' Oct. 20, Room 10-250, 6:30, 9:00.

MAYFLOWER — 'Women of the World,' 10:00, 1:45, 5:30, 9:25; Sun., 1:00, 5:00, 9:00; 'Madame,' 11:50, 3:40, 7:35, Sun., 3:05, 7:00.

MUSIC HALL — 'Cleopatra,' 2:00, 8:00.

PARAMOUNT — '20,000 Leagues under the Sea,' no times available.

PARK SQ. CINEMA — '8½,' 2:15 4:30, 7:00, 9:30.

SAXON — 'Irma La Douce,' 11:30, 2:00, 4:30, 7:00, 9:30.

WELLESLEY COMMUNITY PLAYHOUSE — through Oct. 12, 'Summer Magic,' 7:45, Saturday 2:00; starting Oct. 13, 'Toys in the Attic,' 'One, Two, Three,' 7:45, Wednesday 2:00.

UPTOWN — 'Bye-Bye Birdie,' 1:25, 5:35, 9:50, Sun., 1:00, 5:15, 9:35; 'This Sporting Life,' 11:05, 3:15, 7:30, Sun., 2:15, 7:15.

BSO Concert

Friday, Oct. 11, 2:00; Saturday, Oct. 12, 8:30; Symphony Hall, Erich Leinsdorf conducting; Mozart, Symphony in C major, K. 200; Mahler, Symphony No. 5, in C-sharp minor.

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Construction begins on Life Science Bldg.

Construction began last week on the new Life Science Center. The expected completion date of the 5.5 million dollar project is June 1965. The structure will extend eastward from Building 16 and contain 132,000 square feet.

Cambridge Drama Festival to give 'Brecht on Brecht'

'Brecht on Brecht,' high-lights from plays by Bertholt Brecht, will be given at Kresge Auditorium, October 13 at 3:00 and 8:30.

Lotte Lenya, 'the original Jennie in 'Threepenny Opera,' will lead the cast in selections from 'Mother Courage,' 'St. Joan of the Stockyards,' 'The Private Life of the Master Race,' and other Brecht plays.

Tickets are available at the Harvard Square Theatre box office or by mail from the Cambridge Drama Festival, Box 17, Cambridge 38. They are \$2.50, \$3.40, and \$4.50.

Theatre Schedule

CHARLES PLAYHOUSE — 'The Hostage,' 8:30.

COLLONIAL — through Saturday, 'The Girl Who Came to Supper,' evenings 8:30, matinees, Wednesday 2:15, Saturday 2:30.

HOTEL BOSTONIAN PLAYHOUSE — 'The Caretaker,' Tuesday - Friday 8:30, Saturday 6:00, 9:30, Sunday 3:00, 8:30.

IMAGE — 'Antigone,' beginning tomorrow, opening night, 8:00, other evenings, 8:30.

KRESGE — 'Brecht on Brecht,' Oct. 13, 3:00, 8:30.

SCHUBERT — 'Black Nativity,' starting Oct. 14.

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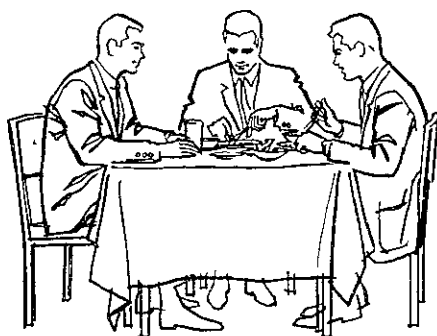
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humor at mit...

Cantankerous authors never die...

By David F. Nolan
Mark Twain was at Kresge Auditorium last Thursday night. Resurrected from the past by Hal Holbrook, for over two hours, he entertained the audience with the wit and wisdom which made him one of the great figures of American literature and endeared him to the American people.

Much of the humor was topical, dealing with politics, religion and other institutions rife with human folly. The remainder drew on such reliable standards as smok-

ing, drinking, and the inefficiency of railroads.

After a rambling series of introductory jokes, there was a long anecdote concerning the fate of Mr. Twain's grandfather, who had once had the misfortune to bend over in front of a high-spirited ram. The outcome of this situation was never revealed, but through numerous digressions, he managed to relate several other entertaining stories.

One of these tales, concerning the role of Providence in selecting victims for accidents, involved a man being struck by an Irish worker falling off a building. This, Mr. Twain said, was an example of Providence—the first man being there to break the second man's fall. He then continued that one of his more religious friends had inquired why the man, rather than his dog, who was also present, had been selected. Mr. Twain then explained he had told his friend that the man rather than the dog had been selected because the dog would have seen the falling man and gotten out of the way. For, he concluded, "you couldn't



Hal Holbrook
—Photo by Mona Dickson

hit a dog with an Irishman." Next, after a few random swings, including describing Congress as "that grand old benevolent asylum for the helpless," he proceeded to give "readings" from *Innocents Abroad* and *Huckleberry Finn*, acting out the events as he went along.

His presentation of the "dumb" American tourists in *Innocents Abroad* determined to give their guide a hard time was perhaps the high point of the evening's performance. Lines such as "Which is the bust and which is the pedestal?" and "Is he dead?" delivered concerning respectively a bust of Christopher Columbus and an Egyptian mummy, were among the best of the evening.

His comment, as Huck Finn, that one might as well do wrong and be unhappy as obey the rules and be unhappy for "it comes more natural, and the wages are the same" was also greatly appreciated.

The one-man performance was concluded with a ghost story and some philosophical comments concerning man and his beliefs concerning earth, heaven and hell. One comment seemed particularly apropos. Mr. Twain explained that he was not at all sure he wanted to go to heaven, for from what he had heard, all one did there was "study, study, study — progress, progress, progress — and if that isn't hell, I don't know what is."

All in all, the performance was highly entertaining and enlightening, and proved that humor need not depend on sex or morbidity to be effective.

Critic's Choice

Fellini and Hitchcock give two versions of confusion

By Gilberto Perez-Guillermo

'Vertigo' (at the Astor) is Alfred Hitchcock's best film and one of the great masterpieces of the screen. Not being strictly a thriller (the solution is revealed long before the end), 'Vertigo' is a fascinating rendering of a dream world. Attempting to modify reality as to make it conform to his dreams, the dreamer destroys the object he cared so much about. Hitchcock beautifully imposes an unreal world upon his audience.

'To Catch a Thief,' in the same program, is a much weaker effort, but worth seeing nevertheless.

Fellini's 'Eight and a Half' (at the Park Square Cinema), which has been heralded in some quarters as a masterpiece, seemed to me a failure, a self-indulgent, repetitious display of the director's weaknesses, partially redeemed only by an enviable technical virtuosity and by the insertion of several deeply felt sequences.

'Eight and a Half' is openly autobiographical, the subject being the process of creation of a film. At the end of 'La Dolce Vita,' if you remember, Marcello fails to communicate with a young girl, a symbol of purity and innocence. Then, Fellini set out to make a film about this ethereal girl, about purity and innocence, but realized that he couldn't, and 'Eight and a Half' is about a director who tries to make a movie about purity and innocence, finds himself in a state of confusion, and realizes that he cannot do it. The ethereal girl appears again (this time played by Claudia Cardinale, which seemed to me much weaker in the role than the girl in 'La Dolce Vita'). The film mixes dream and reality, and succeeds

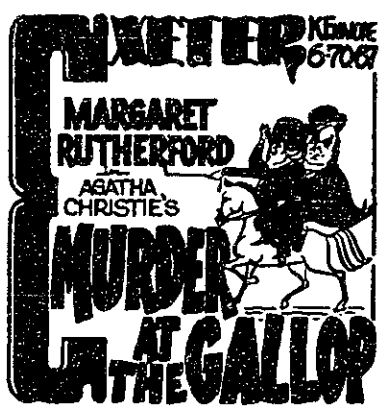
in conveying the state of confusion in the director's mind. Unfortunately, little else is effectively conveyed about its subject, and some superb footage about childhood recollections and marital problems fails to be integrated into a meaningful whole. Several trivial themes reappear again and again, and 'Eight and a Half' is Fellini's dullest film to date.

'Ballad of a Soldier' (at LSC Contemporary Series), a film widely praised by its purity of feeling, seemed to me corny and over-sentimental, with the shallow, black-and-white view of life so common in recent Russian films. There is also a pretentious use of technique which is mostly inadequate for its material (recall, in contrast, the directness and simplicity of Donskoi's superb 'Childhood of Maxim Gorky').

FILMS TO AVOID: 'Monde Cane,' 'Toys in the Attic,' 'The Longest Day,' 'Dr. No,' 'The Thrill of It All,' 'The List of Adrian Messenger.'

FILMS TO SEE: 'To Catch a Thief,' 'Lawrence of Arabia,' 'West Side Story,' 'The Mandarin Candidate,' 'This Sporting Life.'

FILMS NOT TO BE MISSED: 'Vertigo.'



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"Two Daughters"
5:30, 7:30, 9:30
Saturday and Sunday
Matinees 3:30

Four organists coming to Kresge

Four noted European and American organists will perform in the 1963-64 Organ Series. All concerts will be at 8:30 in Kresge Auditorium.

Geraint Jones, British organist and conductor, will begin the series October 23. The second concert will feature Wilma Jensen, organist of the First Presbyterian Church in Oklahoma City and of the University of Oklahoma City, November 20.

Marie-Claire Alain, a member of the French Alain family of musicians and four times a Grand Prix award winner, will perform January 8 followed by Donald Willing, chairman of the department of organ and church music at the New England Conservatory of Music on April 15. Subscription for the series is \$4.00. Single tickets are \$1.50. Tickets may be reserved by telephoning X2910.

Humorist-historian to speak at LSC lecture series

Professor C. Northcote Parkinson will speak at Kresge Auditorium October 28 at 8:00.

Professor Parkinson is the author of "In-Laws and Out-Laws," "Parkinson's Law," and "The Law and the Profits" - humorous analyses of the "laws" governing business operations in



Parkinson

corporations and in smaller units, such as families.

Historian and educator as well as humorist, he has lectured in Europe at the Royal Naval College, and the University of Liverpool, and in the United States at Indiana University, Harvard, and Dartmouth. For many years he held the Raffles Chair of History at the University of Malaya in Singapore.

The lecture, sponsored by the Lecture Series Committee, is free and open to the public.

Making the Scene

THIS WEEK MUSIC
 'The Musical Offering' — by J. S. Bach. New England Conservatory ensemble, Jordan Hall, Oct. 9, 8:30; free.
 BSO Open Rehearsal — Oct. 10, Symphony Hall 7:30; \$2.50.
 Nat Ring Cole — Oct. 11, Donnelly Memorial; 8:30 \$2.75-\$4.50.
 'Harmonettes of Harmony' — Oct. 12, John Hancock Hall, 8:30.
 Music Library concert — Klaus Liepmann, violin, Gregory Tucker, piano, Oct. 14, 6:00, Hayden Music Library; Brahms's Sonata in D minor, Stravinsky's Duo Concertant, Beethoven's Sonata in G major.
 Count Basie — Kresge Auditorium, Oct. 12, 8:30; \$2.50-\$3.00, for Seniors, \$2.25-\$2.75.

THEATRE
 LSC Contemporary Series — 'Ballad of a Soldier,' Room 10-250, Oct. 11, 6:30, 9:00, \$4.00.
 This modern film from Russia has effected a clean break with the dreary propaganda laden films that have emerged from post-war Russia. The film has won awards at the San Francisco and Cannes festivals.
 LSC Entertainment Series — 'The Honeymoon Machine,' Oct. 12, Room 10-250, 5:15, 7:30, 9:45; \$3.50.
 Steve McQueen, Bridget Bazlan. Sailors on a spree in Venice and Max the electronic computer, invent a scheme to break the bank at the casino. Wacky mixups with spies and roulette make it a toss-up whether the sailors will break the bank or wind up

S	M	T	W	T	F	S
			9	10	11	12
13	14	15	16	17	18	19
20	21	22				

the brig. (CinemaScope and Color)
 LSC Classics Series — 'Bed and Sofa,' Oct. 13, Room 10-250, 6:30, 9:00; \$3.50, \$4.50.
 Along with the theme of mass revolution, another subject, that of the new society's effect on the ordinary person and the ordinary family, was entering the Soviet cinema in the mid-twenties. 'Bed and Sofa' was one of the first on this theme. Dealing as it does with adultery and abortion. Recirculation has been even more severely restricted than that of most Russian pictures outside the USSR. (USSR, 1927) Also, Rain.
 'Brecht on Brecht' — Kresge Auditorium Oct. 13, 3:00, 8:00; \$2.50, \$3.50, \$4.50.

MISCELLANEOUS
 Indian Art — 'The Sword and the Flute,' Museum of Fine Arts, Oct. 9, 11:00 a.m.
 Moscow Circus — Oct. 10-20, Boston Garden, evenings 8:00, Sunday 2:00, 6:00, Saturday 10:30, 2:30, 8:00; \$1.50, \$2.00 and up.
 Sunil K. Roy — Consul General of India, 'The New India,' Oct. 10, Boston Public Library, 2:00.
 John Kenneth Galbraith — former Ambassador to India, Oct. 11, Alumni Hall, Wellesley College, 8:00.
 'The Emerging Theater' — Convention of the New England Theatre Conference, Boston University, Oct. 11 from 3:00, to 6:00, Oct. 12, 10:00 to 3:30.
 MIT Art Show — Building 7, Oct. 9-13.

LECTURES
 Ford Hall Forum — James Farmer, National Director of CORE, 'The Civil Rights Revolution,' Oct. 13, Jordan Hall, 8:00; free.
 Canterbury Lectures — Bonhoeffer: Letters and Papers from Prison, Trinity Church, Copley Square, Oct. 13, 8:00; free.
 'Patterns of Contemporary American Thought' — William Pinard, Professor of Psychology, BU, 'Types of American Character,' Boston Center for Adult Education, Oct. 14, 8:00; free.
 Robert G. Albion, 'Portugal and Spain,' Oct. 15, Lowell Institute, Morse Auditorium, Museum of Science, 5:00; free.

NEXT WEEK
 New England Conservatory — 'Program of Piano Music,' Oct. 16, 8:30, Jordan Hall; free; Beethoven's Sonata 'Les Adieux', Debussy's 'Violes', 'Les Collines d'Anacapri', 'Poissons d'or,' and 'L'isle joyeuse', Bartok's Suite, op. 14, Schumann's Symphonic Etudes, op. 13.
 National Ballet of Canada — Oct. 16, Donnelly Memorial, 8:30; \$1.75, \$2.50, \$3.50, \$4.00 and up.
 Carlos Montoya — Jordan Hall, Oct. 18, 8:30.
 MIT Music Club Concert — Kresge Auditorium, Oct. 19, 8:30.
 Josh White — Jordan Hall, Oct. 19, 8:30; \$2.00, \$2.75, \$3.25, \$3.85.
 Chapel Organ Series — Verle Larson, Chris' Episcopal Church, Baltimore, Oct. 20, 4:00; free.
 Bach Program — Festival Orchestra of New York, New York Chamber Soloists, Oct. 21, 8:30, Sanders Theatre; selections from the Anna Magdalena Bach Notebook and the Musical Offering, Cantata 189; \$2.75.

THEATRE
 LSC Festival of the Performing Arts — 'Rudolf Serkin and the Budapest String Quartet,' Oct. 16, Room 10-250, 7:00; free.
 'The Barber of Seville' — by Beaumarchais, Tufts Arena Theater, Oct. 18-19, 24-26, 8:30; students \$1.00, others \$1.75.

LECTURES
 Canterbury Lectures — 'Bultmann: Kerygma and Myth,' Trinity Church, Copley Square, Oct. 20, 8:00; free.
 Ford Hall Forum — Vance Packard, author of 'Hidden Persuaders,' 'The Status Seekers,' on 'America in Upheaval: The Seven Great Changes of Our Time,' Jordan Hall, Oct. 20, 8:00; free.
 'Indian Painting: The Loves of Krishna' — William Archer, Keeper Emeritus of the Indian Section, Victoria and Albert Museum, London, Oct. 20, Museum of Fine Arts, 8:30; \$1.00.
 'Patterns of Contemporary American Thought' — Roger Conahue, Special Assistant, Office of the Attorney General, 'The Impact of the Law on the American Character,' Oct. 21, 8:00; free.
 'The Great Seafaring Peoples' — Robert G. Albion, 'Holland and Germany,' Lowell Institute, Morse Auditorium, Oct. 22, 5:00; free.

WTBS schedule

The following is the WTBS schedule as of October. WTBS broadcasts at 88.1 megacycles FM, 640 kilocycles AM.

WEDNESDAY
 7:00 Sign On, News
 7:10 Show Music Sampler
 7:30 The Arab Club Show
 8:00 to be announced
 9:00 News, Masterworks
 12:00 News, Jazz at Midnite
 1:30 Sign Off

THURSDAY
 7:00 Sign On, News
 7:10 Ramblin' Round
 8:40 Limelite Revue
 9:00 News, Masterworks
 12:00 News, Jazz at Midnite
 1:30 Sign Off

FRIDAY
 5:00 Jazz Special
 7:00 News, Coffee House Theatre including live folk music from the Cafe Yana.
 10:00 News, Nite Owl music by telephone request
 12:00 News, More Nite Owl
 2:00 News, Sign Off

SATURDAY
 4:00 Sign On, News
 4:10 Rock and Roll Memory Time
 5:00 to be announced
 7:00 WTBS Present's weekly special features
 9:00 News, Nite Owl music by telephone request
 12:00 News, More Nite Owl
 2:00 News, Sign Off

SUNDAY
 4:00 Sign On, World of Song
 5:00 This is the Blues
 7:00 Music at MIT
 8:00 The Spoken Word
 9:00 News, Classroom Concert
 12:00 News, Jazz at Midnite
 1:30 Sign Off

MONDAY
 6:00 Sign On, Perloo, Stomp & Glee
 7:00 News, The John C. Heine Show

9:00 News, Masterworks
 12:00 News, Jazz at Midnite
 1:30 Sign Off

TUESDAY
 7:00 Sign On, News
 7:10 Folkside
 8:00 Sangam Presents
 9:00 News, Masterworks
 12:00 News, Jazz at Midnite
 1:30 Sign Off

In addition to the above WTBS AM also broadcasts music from the Hayden Music Library during the day, Monday-Saturday.

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LECTURE SERIES COMMITTEE CALENDAR

<p>Contemporary Series "BALLAD OF A SOLDIER" FRIDAY, OCT. 11 10-250, 6:30 & 9:00 P.M. 60c</p>	<p>Entertainment Series "THE HONEYMOON MACHINE" SATURDAY, OCT. 12 10-250, 5:15, 7:30, 9:45 P.M. 35c SERIAL SHOWN AT 5:00 P.M.</p>	<p>Classic Series "BED AND SOFA" SUNDAY, OCT. 13 10-250, 6:30 & 9:00 P.M. ADMISSION BY MEMBERSHIP CARD ONLY</p>
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Access to 7094 computer increased: Time sharing program adds new uses

By Michael Shorestein
M.I.T.'s new computer time sharing system has opened up a new class of service to researchers and students. First placed in service last May as an experiment in maximizing the use and access to computer time, the system has allowed programs to be handled at a faster rate and has stimulated researchers to tackle problems they otherwise might not try. In an outline of

its performance over the past few months, Dr. Fernando Corbato, Associate Director of the Computation Center, concludes

that the system is useable and reliable although there have arisen several operational and administrative problems which remain unsolved.

The time sharing computer is essentially distinct due to its ability to handle several programs at once. In addition to the standard memory core and processing unit, a program supervisor is employed to switch the central processor to each user much in the same way as a commutator shuttles current to the different coils of an electric motor. The assets of such a system include its added access to users on the console, its elaborate programming facility, and its ability to function as a general purpose computer for several independent and diverse programs.

The history of time sharing at M.I.T. dates back to last spring when three to five users were given simultaneous access for one-half an hour per day. By June, after a successful forty minute demonstration of the computers capability to handle remote teletype programming, the system was placed on a four hour day for five weeks with access up to thirty users.

Although Dr. Corbato finds the hardware of the system more reliable than the older 709 computer, he sees several drawbacks which limit and frustrate the user. For one, the system cannot be overloaded with programs; the result of this is that some users receive service very erratically or even not at all. The 7090 on timesharing can now efficiently debug up to ten simultaneous teletypes. Secondly, Dr. Corbato sees the need for reports to the computation center's personnel on the time used and the status of the user's programs so that the limited resources of the machine may be distributed fairly. Along with this is needed a system to rate the computer's performance to each user while in use.

Finally, Dr. Corbato reports that the programs are becoming too large (160,000 words) for outsiders to understand the entire operation of the system.

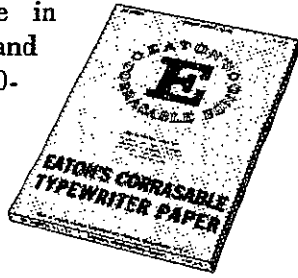
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CAMPUS INTERVIEWS

THURSDAY, OCT. 31

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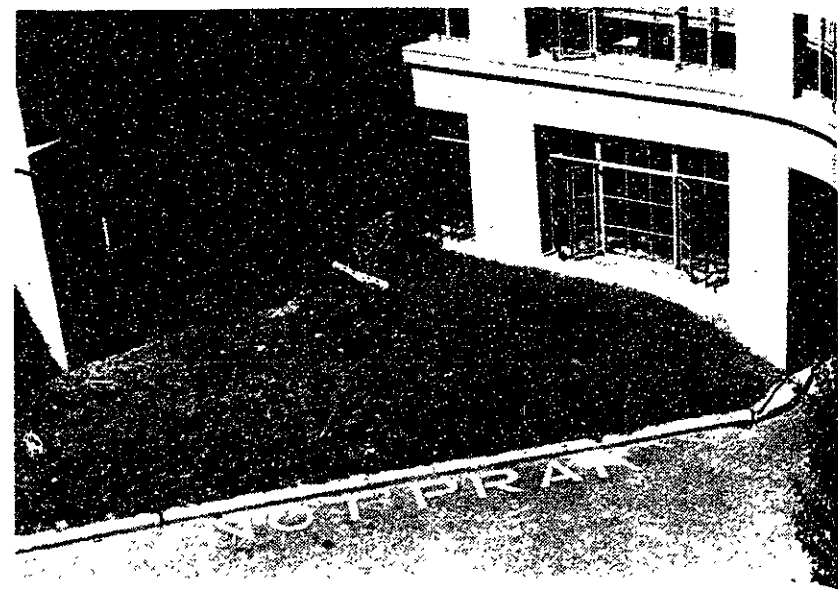
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Campus praking crackdown



Last week the Institute regrettably banned praking on the Building 7 parking lot.
—Photo by Conrad Grundlehner

16' totem pole among art exhibits at AWS-sponsored show Oct. 7-11

A contemporary totem pole designed by Bob Adams, a fourth-year architecture student, is among the exhibits in the art show sponsored by the Association of Women Students in Building Seven. The show, starting last Monday; runs through Friday.

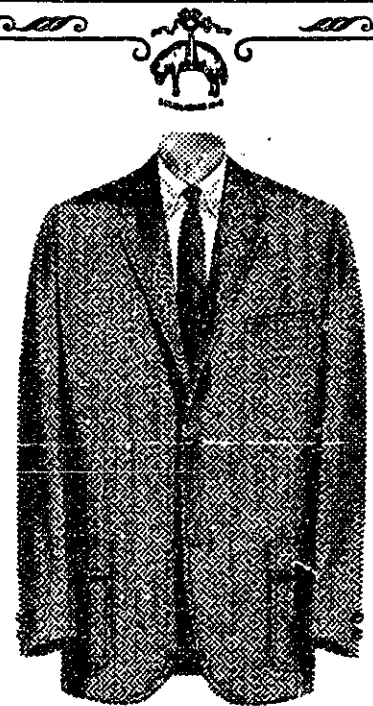
Made of white cedar, the pole is 16 feet high and weighs 500 pounds. Arms extending four directions from each of the eleven sections, which are strung on a steel pipe.

Because of its weight the totem pole was taken apart into 23 sections and reassembled in the lobby of Building 7.

The pole was a "farm experiment" which Adams completed at Haystack Mountain School for Crafts at Deer Isle, Maine.

"Inscomm Openline" will begin its fall program on WTBS tonight at 8 p.m. The weekly feature will air topics of interest to the MIT community. Service activities will be the first topic of discussion.

'Inscomm Openline' to begin fall program



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New corporation

Tech Student Enterprises seeks managerial assistance

By Jeff Trimmer
The Technology Student Enterprises Group, a student organization for entrepreneurs, is looking for a manager to help with its activities. The group, according to Dean Wadleigh, would like to have the counseling of managing Entrepreneurial activities.

erial help to assist it in central. The TSE is a product of an Inscomm subcommittee on entrepreneurial activities. The group was to investigate the problems of entrepreneurs and to suggest a means to organize the entrepreneurs. There was opposition to patterning the MIT entrepreneurial group after the Harvard Student Agencies, which is linked directly with student aid and is restricted according to a student's own financial status. The problems as stated by the subcommittee resulted from a lack of unity in policy concerning the

were chartered through Inscomm, others were chartered by Dean Wadleigh.

The group that evolved from these studies became the Technology Student Enterprises, Inc., a corporation chartered under the laws of Massachusetts. It has Three Trustees, the Dean of Student Aid, the Academic Vice-President, and the UAP, who own all of the stock. The organization is basically non-profit, but any profits would go to the scholarship fund. The Board of Directors is solely undergraduate, and is headed by Michael Armstrong.

There are questions yet to be answered. Ethics, the MIT name, entrepreneurs: Some groups and other problems confront the group, and it is for this reason that they are looking for Managerial help. The basic ideas are clear, however.

The corporation will be a development group; it will provide a place for anyone interested in entrepreneurial activities to go for advice and assistance. A limited franchise setup is being contemplated at this time.

Ciardi criticizes poetry teaching; Suggests modern poetry as 'bribe'

By Susan Colodny

John Ciardi, poetry critic for the Saturday Review, spoke last Thursday night in 26-100. The lecture presented was designed to criticize the present method of the teaching of poetry to high school students. Ciardi insists

that the way to interest the adolescent boy in poetry is not to immerse him immediately in the romantic 19th century poets. Ciardi suggests that a "bribe" of modern poems, which are concerned with more realistic material would have a more favorable impression on the high school student.

Ciardi's plea for a more reasonable teaching agenda was accompanied by readings of some of his poems as well as a number of anecdotes about a book of poems that he has published for first graders. His humorous complaints about the school system critics which he came in contact with during the publishing of his book were in conjunction with some serious suggestions. Ciardi feels that the young child need not necessarily be completely protected from stories of violence because these stories are both an outlet and a safe expression of the child's predisposition toward violent thoughts.

One of his examples was a poem about a cat and a bird in which it could be inferred that the cat had eaten the bird. The poem was cut from his book of poems by a representative of the school system. Ciardi held that a child recognizes the difference between reality and fantasy, therefore there is no reason to censor a child's reading so carefully.

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Juniors - Class of 1965

A Balfour representative will be at Building #10 on Monday, October 14, from 9:30 A.M. to 3:00 P.M. to attend to any additional Junior class ring orders. These rings will be delivered during the early part of December with the rings that were ordered in the Spring.

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nouncement Service. Even though he's been with Southern New England Telephone less than a year, Stanton Peel has already established an enviable reputation for his thoroughness and keen analytical ability.

Stanton Peel, like many young engineers, is impatient to make things happen for his company and himself. There are few places where such restlessness is more welcomed or rewarded than in the fast-growing telephone business.



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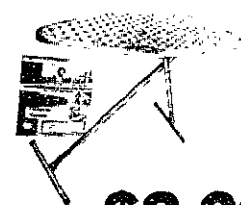
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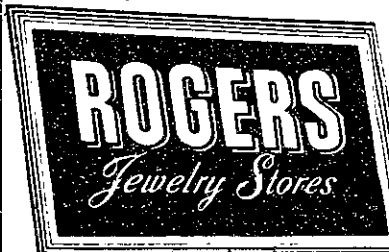
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College World

White mice sell clothing in Detroit as snake lunches in store window

If you had a seven-and-one-half foot snake that you didn't want, what would you do with it? You'd auction it off for charity, of course. Why would anyone want to buy it? For advertising, of course.

This, in any case, was the reasoning that went into the purchase of a boa constrictor by a men's clothing store in Detroit. The store owner had been assured by the brothers of Sigma Alpha Mu fraternity at Wayne State University that the snake could be used for advertising. The snake promptly went on display in a cage in the store window where, occasionally, two white mice would be put into the cage — to live there contentedly until the boa constrictor got hungry.

The frequency of hunger was approximately once in ten days. The mice were put into the cage every Tuesday and until their demise, attracted large crowds to the store. Neither of the mice seemed to take any notice of the snake. In fact, one was observed nestling comfortably in the constrictor's coils.

This promotional gimmick went along very well until one day an anonymous passerby was attracted to the sight and was also repulsed by the sight — enough to call the Humane Society. A city ordinance came suddenly out of the sky. It is illegal to display non-domesticated animals in public. The exhibit was consequently moved inside the store and ultimately had to be disposed of. No mention is made of what happened to the snake.

Sun in a Cage
Scientists at Caltech's Jet Propulsion Labs have accepted the challenge of trying to cage the sun and last week announced the development of a "sun-heat-sink-vacuum." They describe it as "the only sun in the country." It can reproduce the characteristics of sunlight as a vessel in space might see it.

The sun-simulator had to have a lighting system that could duplicate all the visible and invisible rays of the sun in a collimated beam. This is done by shining the light from 131 mercury xenon lamps downward onto a parabolic mirror. The light is then reflected in a concentrated beam upward to a hyperbolic mirror, from which it is reflected downward through a lens into a vacuum chamber. The result is a five-foot beam of "white sunlight."

Associated with the sun is a heat-sink-vacuum. The 20,000-plus cubic feet of the vacuum chamber contains the equivalent of one-quarter of a thimbleful of air at normal pressures. Its black walls, chilled by liquid nitrogen, absorb 99.5 per cent of the heat entering the chamber. The combination of qualities makes the device a near-perfect space simulator.

The apparatus was originally intended to test the Mariner II Venus probe, but was not completed in time. It is now being used to study the heat relationships between a spacecraft and its environment.

The next project is the accurate simulation of the reflected light emitted by the planets themselves.

Ban the Beard
One of the projects undertaken by administrators of the University of the Americas, in Mexico City, is that of raising the prestige of the school. The first step in this program was taken in 1954 when the university moved from a deteriorating building in the center of the Mexican capital to a picturesque campus on the outskirts of the city.

Since that time, however, progress has been negligible — until a few months ago. During the summer, an order was issued prohibiting beards and making mandatory the wearing of shoes.

Naturally, a few protests were voiced. One American student was expelled for refusing to wear shoes.

The immediate effect, however, was a sudden increase in the Mexican enrollment. The new regulations a "beatnik" image of the school, and the number of applications for admission has soared.

More Freedom in Chicago
Restrictions on the student body are being lessened at the University of Chicago. University President George W. Beadle has announced that students may now sit on the grass in the quadrangle at the center of the campus.

The announcement came in response to a rumor that students were planning to stage a sit-down demonstration protesting recent police action in keeping them off the grass.



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Greek art exhibit at Hayden Gallery

A Minoan stone vase and lid from Knossos, dating from 1500 B.C.; a fragmentary marble statuette by Asklepios, 300 B.C.; and a head of a Roman of the Late Republic, 50 B.C.; are among the fourteen objects lent by the Boston Museum of Fine Arts to MIT for its eleventh annual Greek art exhibit. The show, combining photographs

and art works, will be on view in the Institute's Hayden Gallery from October 14 through November 1. The Gallery is open to the public free of charge from Monday through Friday, 9 a.m. to 5 p.m. The show opens Monday, October 14, at 12 noon.

The exhibition was planned by MIT's Museum Committee in conjunction with the Department of Humanities. It concentrates primarily on the 6th, 5th, and 4th centuries B.C.

'Science Reporter' on national TV

The 'Science Reporter' program will return this year as the feature in a new science series to be broadcast by the National Educational Television Network.

Many of the stars of 'Science Reporter' will be MIT professors, on tape from Institute laboratories.

The program may be seen on WGBH in the Boston area at 9:30 p.m. every Thursday. Host again this year will be John Fitch, an electrical engineering graduate of the MIT Class of 1952.

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Savings result from changes in MIT bulletin

Changes in the general information bulletin "This Is MIT" have resulted in savings of about 12 cents per copy.

Director of Publications, John I. Mattill, emphasized that the quality of the publication had, by no means, suffered due to the changes. Details available to interested prospective students in the General Catalogue were simply deleted.

To compensate for the reduction

of detailed information in "This Is MIT," it has been decided that the General Catalogue will now be sent to all students who have sent in their preliminary applications.

The publication's main format change was the elimination of several of the smaller pictures so that large, quality pictures could be included.

CLASSIFIED ADS

FOR SALE: 1961 Renault Dauphine. Good condition. \$500. Call 868-6529 after 6 P.M.

FOR SALE — Siamese kittens, pedigreed. Call after 6 p.m., WA 4-5630.

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Northeastern students attack dorms

By D. F. NOLAN
A riot involving several hundred students from Northeastern University with spectators from Boston University and MIT Fraternities took place on Beacon Street between Massachusetts Avenue and Charlesgate East last Thursday evening about 9:00 p.m.
The demonstration was sparked by eight Northeastern students who appeared on Commonwealth Avenue between Charlesgate East and Charlesgate West at 8 p.m. dressed in tee-shirts and slacks and covered with shaving cream. By 8:30, some 300 persons had assembled, and shortly thereafter set down Commonwealth to the intersection of Massachusetts Ave. and Boylston St.
By 8:50, the group had reached the Northeastern University women's dorm at 129 Hemenway St., and stormed the front door, where they were greeted with

a barrage of bras and panties. The assembly then returned to Charlesgate Hall, a BU women's dorm. Charlesgate girls hurled toilet-paper streamers out the windows and off the roof, and the girls in the Chandler Secretarial School residence across the street threw out various forms of underwear.
Matters became additionally complicated when some students pushed a derelict car out into Beacon Street and left it, causing traffic congestion. Meanwhile, another group marched down Bay State Road to set up camp in front of The Towers, a BU women's dorm.
At this point the police intervened, bringing nine MDC police cruisers, ten Boston Police Department cars, and two police dogs. The demonstrators quickly dispersed, and no one was injured. The police dogs were not used.
The eight students who had originally appeared covered with shaving cream were taken to the Precinct 16 Police Station, but were not booked.

How They Did

Baseball	Trinity 4 - MIT 2 Medford High 4 - MIT (F) 1
BU 7 - MIT 5 BU 7 - MIT 6	Rugby MIT 3 - New York 0
Cross Country	Golf MIT 5 - BC 2 - Brandeis 1 1/2
MIT 36 - RPI 41 - WPI 48 RPI (F) 25 - MIT (F) 30 - WPI (F) 74	Sailing MIT (F) 44 - Coast Guard (F) 38 - NU (F) 38 - Harvard (F) 29 - RI (F) 28 - Brown (F) 24
Soccer	
WPI 4 - MIT 3	

Tennis team travels to Princeton to compete in ECAC tournament

By Roger Grosso
MIT's tennis team traveled to Princeton last weekend to compete in the Eastern Collegiate Athletic Conference Tournament. Under the watchful eyes of Coach Crocker, the MIT team fought in two days of fierce singles and doubles competition against some of the best college teams in the country. Matches were still being played as 'The Tech' went to press.
The tournament, held Oct. 5-6 at Princeton, was divided into two main groups, a college sec-

tion and a university section. The latter being the section to which the Engineers were assigned. The rules of the tournament permit the college teams to challenge the university teams, but the teams in the university section must remain in that section.
This year's team includes Jack Moter '64, Bob Blumberg, Marty Ormond '64, Bill Petrick '65, and Paul Ruby '66.
The Eastern Athletic Conference Tournament will match such teams as Amherst, Army, Brown, Colgate, Columbia, Dartmouth, Georgetown, Harvard, MIT, Navy, Princeton, Williams and Yale.

IM tennis tournament reaches quarter-finals after one week's action

The intramural tennis season was launched last week with 21 teams taking part in the competition. Eight squads are left in contention for the title after the first week's play. The quarter-finalists are Phi Gamma Delta, Burton A Senior House, Baker A, Baker B, Alpha Tau Omega, Chinese Students, and Sigma Alpha Epsilon.
The Chinese Students squeezed by Alpha Epsilon Pi in the most interesting contest of the week. CSC took the first doubles match 14-12 to decide the match.
As the tournament moves into its final week, last year's finalists, SAE A and PGD are again aiming for the title. The finals are slated for Saturday afternoon at 1:00.

Results

Phi Gamma Delta 5	Chi Phi 0
Burton A 3	Zeta Beta Tau 2
Senior House 4	LCA 1
SAE B 4	Theta Delta Chi 1
Senior House 3	SAE B 2
Baker A 5	Burton B 0
Alpha Tau Omega 4	E. Campus A 1
Alpha Epsilon Pi 4	Grad House B 1
Chinese Students 3	AEPI 2
SAE A 5	Delta Tau Delta 0
Chinese Students 1	SPE 0 (forfeit)

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—issa

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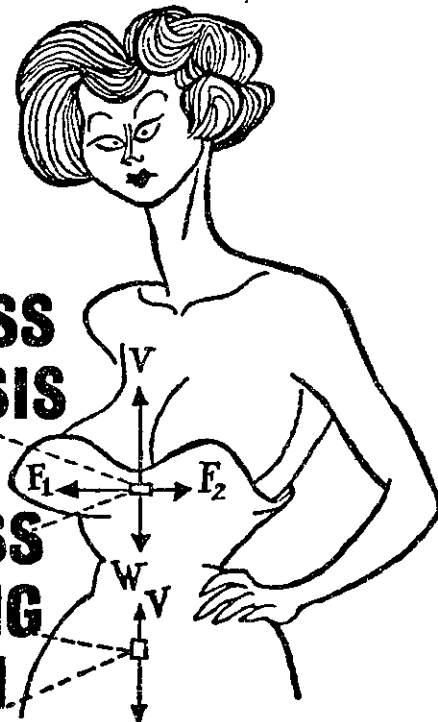
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Unbeaten grid squads seek titles

By RICH HOFF

Six teams in the Intramural Football A Division endanger their perfect records this Saturday and Sunday as the regular season goes into its final week. Sigma Alpha Epsilon and Graduate House of League One, Delta Upsilon and Phi Delta Theta of League Two, and Beta Theta Pi and Phi Gamma Delta of League Three all carry 2-0 marks. Winners this week-

end will become league champions.

SAE Meets Grad House
In League One action, Graduate House defeated Sigma Alpha Mu, 29-0, and Sigma Phi Epsilon, 33-0, while last year's champs, Sigma Alpha Epsilon, sparked by quarterback Fred Souk '65, stomped Sigma Alpha Mu, 38-0. The league championship will be decided this Saturday at 1:30 when these two squads clash.



Delta Tau Delta blockers John Schwanbeck '66 (left) and Bill Weber '64 clear way for ball-carrier Phil Mattocks '66 in IM football action Saturday. The Delts defeated East Campus, 26-6. —Photo by Steve Teicher

DU's Edge AEPi

Halfback Den Sivers '66 scored four touchdowns to lead Phi Delta Theta to a 47-0 whitewashing of Baker House, and an 18-2 decision over Alpha Epsilon Pi, in League Two play. Freshman Larry Taggart's long touchdown run gave Delta Upsilon a hard-fought 6-2 victory over Alpha Epsilon Pi to set the stage for the championship meeting with the Phi Deltas, Sunday at 1:30.

Betas, Fijis to Clash

Beta Theta Pi and Phi Gamma Delta will play for the championship of League Three, Saturday at 3:30. The Betas stopped Burton House and Sigma Chi, 29-0 and 58-0, while the Fijis downed Burton, 24-7.

In League Four a three way race has developed. Lambda Chi Alpha (1-1), losers to Theta Chi, 14-0, Delta Tau Delta (1-0-1), who tied Theta Chi, 12-12, and beat East Campus, 26-6, and Theta Chi (1-0-1) all could win.

Burton B Downs

In Division B, League Five, Burton House B downed Theta Xi, 19-7, while Phi Kappa Sigma lost to Phi Kappa Epsilon, 7-6, and to Zeta Beta Tau, 21-0.

In League Six, Alpha Tau Omega beat Walker Dining Staff, 26-2, then lost to Pi Lambda Phi, 8-0, while Sigma Nu tied Pi Lambda Phi, 0-0, and defeated Walker, 18-0.

GHDS, TDC Unbeaten

The Graduate House Dining Staff, winners over Phi Beta Epsilon, 28-0, and Kappa Sigma, 13-0 will face Theta Delta Chi, who defeated Kappa Sigma, 26-7, and Phi Beta Epsilon, 32-0, to decide first place in League Eight.

League Nine scores showed the Graduate Management Society winning over Student House, 12-0, and Non Resident Student Association, 24-0, and Chi Phi losing to the Student House, 19-0, and the Non Residents, 13-0.

In League Ten, Tau Epsilon Pi downed Phi Mu Delta, 12-2, and Baker House B, 18-13, while Delta Kappa Epsilon crushed Phi Mu Delta by a 40-6 count.

Late rallies fall short

Soccermen drop openers to Trinity 4-2, WPI 4-3

By Tom Compton

MIT opened the soccer season last week by dropping two close games. The Tech booters lost 4-3 to Worcester Polytechnic Institute Tuesday, October 1, and fell 4-2 to Trinity last Friday.

Tech comeback fails

After MIT scored the first goal, WPI came back and scored four straight and led 4-1 entering the fourth quarter. The Techmen, led by captain Bob Mehrabian '64, rallied in the fourth quarter and scored two quick goals, but could not muster a third. Savitra Bhoitiwhok '66 did a fine defensive job for MIT.

Trinity holds on to win

Trinity got off to a quick start Friday with two goals in the first period. Trinity held a 3-0 advantage in the final period but again the Engineers staged a rally. MIT brought the score to 3-2 before Trinity put the game on ice with the final goal. The MIT



Tech attacker Jose Miron Alejos '66 tries to dribble past WPI defender in last Tuesday's soccer contest at MIT. Amedia Odoni '65 (background) follows play. Worcester won, 4-3. —Photo by Steve Teicher

goalie, David Dunford '64, made several saves and played a fine game.

Two games this season will be televised by WGBH TV. These are the games with Harvard on Oct. 9 and Tufts on Oct. 17.

Lubitz qualifies for finals in ECAC golf tournament

By Ted Trueblood

Peter Lubitz '65 won the right to compete in the final rounds of the Eastern Collegiate Athletic Association golf tournament by carding an 18-hole score of 80 in the regional qualifying rounds held October 3 and 4 at the Misquanicut Club. The four-man Tech link team failed to qualify, however, when they didn't finish among the top two teams in the eight team tournament.

In a triangular match, October 1, the MIT golfers swept over both Boston College and Brandeis at BC's Belmont Course. Lubitz, recently named number one man on the link squad, lead the Tech golfers with his qual-

ifying 80. Fourteen other players of the 32 in the match reached the finals with scores of 80 or less. They, along with Tech's Lubitz, will compete in the Eastern Collegiate Athletic Conference golf finals at Bethpage Park on Long Island October 18 and 19.

Tech's team score in the match, a 346, was made up of the individual scores of Lubitz, 80; Allen Poegeler '65, 83; Roy Carver '65, 88; and Harry Barnes '66, 95.

In the triangular match with Brandeis and BC, MIT's linkmen atoned for their earlier losses by trouncing both opponents with scores of 5-2 and 5½-1½. Lubitz was again low Tech golfer with an 82 on the 18-hole Belmont course.

Both contests close

Tech nine falls twice to BU for 0-4 autumn record

By Donald Siefkes

MIT lost its third and fourth straight baseball games to Boston University Monday, September 30, and Thursday, October 3, by scores of 7-5 and 7-6, respectively. The two losses brought MIT's fall

baseball season to a close with a record of 0-4.

Shortstop Tom Bailey, '66, led Tech's attack in Monday's game getting three hits and two RBI's in four trips to the plate. Two of his hits were doubles. The big man for BU was first baseman Bob Scanlon who went three for three getting four RBI's and one home run. Scanlon drove in the two winning runs for Boston University in the fifth inning with a single to center field.

The Terriers edged the Techmen again in Thursday's game 7-6. Bobby Yanus brought MIT to within one run of BU with a three-run homer to left. However, Tech could not score in the sixth and final inning although they loaded the bases with two out. BU's two-run fourth inning provided the winning margin with left fielder Mahoney and first baseman Petrone driving in the deciding runs. Larry Calof '66 started on the mound for MIT and Yanus finished up.

Harriers take Engineers' meet

By Dave Kress

Tech's cross-country squad opened their season in fine style last Saturday by winning the first Engineer's Meet over Rensselaer Polytech and Worcester Polytech. The score of the closely-fought contest was MIT 36, RPI 41, and WPI 48, low score determining the winner. Sumner Brown '66, making his varsity debut a complete success, set a record for the 3.9 mile Worcester course by 21:28, breaking the old mark by 20 seconds.

Frosh Sports

Sailors cop first in regatta

By Charlie Willman

Tech's freshman teams started their fall seasons last week with a victory in sailing, a close second in cross-country, and a loss in soccer.

Sailing

The sailors copped first place in a six team regatta at Providence on Sept. 29, topping teams from the Coast Guard, Harvard, Northeastern, and Rhode Island, as well as their host, Brown. The point total was 44, obtained

by the four man team of Peter Getting, Rod Peterson, Mike Zuteck, and Ken Lerner. Zuteck led the freshmen with 17 points. Coast Guard finished a close second with 38 points.

Cross Country

The long distance runners achieved a very strong second in cross-country in a triangular meet at Worcester last Saturday. Competing against RPI and WPI, the freshmen placed five runners in the top ten within 30 seconds

of the winner from RPI. Rensselaer had 25 points as opposed to 30 for MIT and 74 for Worcester, in a point system where the lowest score determines the winner. The top individual performances were turned in by Bob Karman, who finished second, and Elliott Andrews in the third spot.

Soccer

After a 1-1 scrimmage played against Braintree High School on September 28, the frosh soccer team lost its first game of the year to Medford High School by a score of 4-1. The game, played on our home grounds last Tuesday, was a hard fought battle with good performances on both sides. George Jones tied the score in the second quarter but Medford scored three times in the third period. The leaders of the Tech attack were Jones, and left wing Rick Gostyla.

9.01

Introduction To Sports

MIT Intramural Program

By JOE KIRK

The intramural program at MIT is unique among universities in the country, because it is entirely student-run and managed. All 17 sports offered in the program are organized, scheduled and supervised by a student manager.

The Intramural Council is headed by a president who is also a vice-president in the Athletic As-

sociation. This enables the views of the Council to be influential in the total athletic program.

Assistant Managers Needed

To become an intramural manager, one need only apply to the present manager of the sport and serve as an assistant until the necessary experience is gained. Then one may run for the managership at regular IM council elections. There is need for assistants in each of the sports, and interested freshmen should call the Athletic Association, x2913, for further information.

Tremendous Participation

Tremendous participation has always favored MIT's intramural program. Nearly two-thirds of the undergraduates participate in at least one sport. Graduate Students as well may enter and participate in a group organized around Graduate House, their course, or a common interest.

To be admitted to the program, the interested team need only put up a \$10 deposit, which is returned at the end of the season if the team has forfeited no games. Interested parties may also attempt to organize teams by putting their name on a list which is maintained at the IM office until the closing date for rosters.

Referees Vital to Program

The final aspect of the intramural program is that of refereeing. This has always presented a problem, and probably always will. There is a constant need for qualified, interested people to referee each of the 17 sports. A monetary compensation is often

given for services rendered, so people with experience in any of the sports should contact the manager in charge and get their names on the list of referees.

The intramural program has been a success in the past because of the high quality of individuals, both managing and participating. Help keep the program strong by getting away from the books for a while and going out for the sport which interests you.

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On Deck

Wednesday, October 9
Soccer—Harvard, away, 3:00 pm
Soccer—(F) Andover, away, 3:00 pm
Golf—Rhode Island, away, 1:00 pm
Saturday, October 12
Soccer—Middlebury, away, 11:00 am
Soccer—(F) Tufts, home, 2:00 pm
Cross Country—(V & F) Williams, Springfield, away, 3:00 pm

Sailing—Oberg Trophy at MIT
Sunday, October 13
Sailing—Wood Trophy at MIT
Sailing—(F) Octagonal at Brown
Monday, October 14
Soccer—Brandeis, away, 3:00 pm
Tuesday, October 15
Cross Country—(V & F) Boston Univ., Brandeis, away, 4:00 pm