

Viewpoint begins Tuesday MIT declines to prosecute

Viewpoint a weekly series of forums on international affairs, will begin Tuesday in the Student Center. Based on the highly successful Encounter format, Viewpoint will exploit MIT's international character by featuring personalities and controversies of global interest.

Professor Nathan Cook, who will preside at the first Viewpoint in the East Lounge of the Student Center, has recently returned

from India. He served there as an engineering and educational consultant at the Birla Institute of Technology, near New Delhi. He proposes to discuss "status-minded bureaucracy in India."

Sponsored by Indian Students, the Student Center Committee, the Office of the Dean of Student Affairs, and other groups, Viewpoint is directed by Josef Shwartz G, Ranganath Nayak G, and Dave Peterson '68.

Pedlosky, oath on trial

By Mark Bolotin

The case of Joseph Pedlosky, Prof. of Mathematics, against the Massachusetts Teachers' Loyalty Oath was argued in court yesterday. The case, which began last fall when Pedlosky refused to sign the oath, was presented before the Supreme Judicial Court of Massachusetts by Pedlosky's

lawyer, Gerald Berlin. A decision is not expected soon.

Origin of oath

The Massachusetts Teachers' Loyalty Oath was an outgrowth of the wave of reaction that followed World War I. Among the leading proponents of this and similar legislation were the American Legion, a small segment of the teaching profession which feared "the virus of Communism," and many tabloid newspapers.

Although sixteen states passed such legislation between 1931 and 1937, the Massachusetts oath was relatively innocuous. This oath

avoided any mention of what would constitute a violation and only called on its signers to "support the Constitution." Nevertheless, every major college in Massachusetts fought the oath until its passage by the General Court.

Others refuse to sign

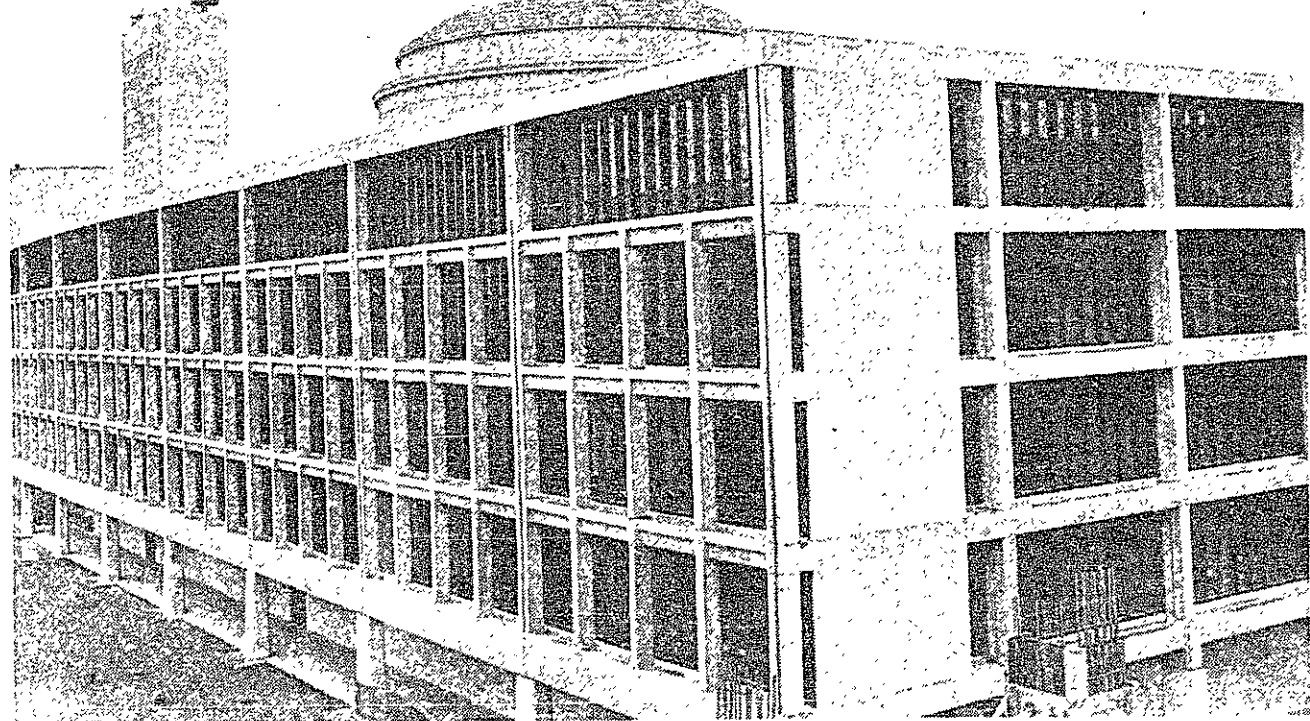
After its passage, all Massachusetts colleges sent the oath out to their teachers as a matter of course.

MIT backs out

As the case began to build up, MIT made it clear that it had no intention to prosecute Pedlosky

(Please turn to Page 3)

The Tech



Vol. 86, No. 51

Cambridge, Massachusetts, Friday, December 9, 1966

Five Cents

SSRS holds panel; Siegal speaks

The MIT Society for Social Responsibility in Science held two meetings Tuesday, the first of which was a panel discussion dealing with "The Effects of Classified Research on Student Life."

The discussion was moderated by Professor Norman Dahl of the Mechanical Engineering department.

The first panel member, Yao Li of Aeronautics and Astronautics, spoke in favor of classified work on campus. Professor Li felt that those problems in his field that were of most interest to the student were unfortunately those classified by the federal government.

Professor David Frisch of the Physics Department felt that a student should not be faced with any classified work until he is on the Ph.D. level. He found nothing wrong with the fiscal advantages, but felt that classified work tend-

ed to limit one's undergraduate experience.

Finally, Barry Blessner, an MIT Electrical Engineering instructor, spoke of his experience with classified research. Though he admitted that one could gain much through such an experience, he also would have to give up much of his personal freedom to do classified work. He also found that students considering classification often avoided campus political activity fearing that they may not be permitted to do special research.

Armand Siegal, Professor of physics at Boston University, spoke at the 8:00 meeting on his observations of scientists and engineers in French politics as part of a survey titled "Scientists and Engineers in the Political Arena Abroad."

Siegal's talk, "An American in Paris," was based on his views of the French scientific community which he had been a part of

during his recent sabbatical from BU. During that time he worked in the Center for Nuclear Studies just outside Paris.

According to Siegal, French scientists identify themselves as intellectuals, something their American counterparts tend to shy away from. They are also generally leftists and idealists, he said, and harbor a distrust of all governments and all politicians.

Professor Warren Ambrose of the MIT Mathematics Department spoke of his experiences in Argentina this summer. Argentina universities, he said, are run by a

(Please turn to Page 3)

600 hear Hannah Arendt speak on revolution, freedom Dec. 7

By Carson Agnew

Hannah Arendt, noted expert on revolutions, gave a lecture on "Revolution and Freedom" in Kresge Auditorium last Wednesday night. The talk, which was attended by about 600 people, was sponsored by the Humanities Department.

Miss Arendt began by commenting on the topical nature of her subject, pointing out that war between major powers is impossible for the present because of technological advances. Therefore, she observed, the country which understands the nature of revolution could well emerge the victor in the Cold War.

She then traced the etymology of the word "revolution." The first modern use of the word, she said, came with the glorious Revolution when revolution meant the restoration of the previous order.

The next real change in the word came when it was connected with freedom, especially "public freedom." Public freedom, or freedom to assemble, act on, and discuss in public the problems of the individual and society, was an idea which first crystallized in the American Revolution. In America, the tradi-

tion of public meetings was so taken for granted that, according to John Adams, "the revolution was over before the war had begun."

French Revolution

Miss Arendt then mentioned the French Revolution and the revolutions of 1848, when the idea that a revolution was a method for changing governments shifted to mean a method for overthrowing a class. She ended her talk with some comments on the reasons for the results of some of the revolutions of today.

Debate Team places third in Invitational Tournament

The MIT Debate team took third place in the Seventh Annual Invitational Debate Tournament held at the Air Force Academy last Friday and Saturday. Representing Tech were Eric Johnson '67 and Jim Foster '67.

The Debate Topic was "Resolved: That the United States should substantially reduce its foreign policy commitments."

Thirty-six colleges and universities participated in the tourna-

departmental requirements is planned for future liaison committee meetings.

Pass-Fail Discussed

The discussion of pass-fail grading systems led to a talk on the general philosophy of grades. It was pointed out that the problem concerns how the grade is given and interpreted rather than with the concept of grading.

Students at MIT have a tendency to work for the grade for its own sake rather than for the knowledge they receive. The entire desirability of a no-grade system was questioned. Students demand grades to let them know how they are doing in relation to their classmates. Also, it would be difficult for graduate schools to find a standard for admissions other than grades.

City, MIT outline snow regulations

In anticipation of winter snow, both the Institute and the Cambridge Chamber of Commerce have issued snow regulations.

Philip A. Stoddard, MIT Vice President in charge of Operations and Personnel, announced that the Institute will normally remain open during snow. It is requested that one refrain from telephoning and wait for an official announcement from radio stations WBZ (1030 kc) or WHDH (850 kc) or for a telephone notice from the personnel office.

It is possible that one phase of MIT activities will be closed while others remain open.

Special parking regulations are also in effect during periods of snow. Frank Townsend, Executive Vice President of the Cambridge Chamber of Commerce asks that cars and trucks be kept off the streets, if possible, until the streets are clear; that parking areas be cleared of snow immediately (it is illegal to push it into the street); and the spaces to hydrant hose connections in front of private property be cleared by the owners.

Williams Lectures

Smith to give three talks

Dr. Cyril Stanley Smith, Professor of Metallurgy, probably the nation's ranking metallurgical historian as well as one of its lead metallurgists, will give the 1966 Robert S. Williams Lectures next week at MIT.

The subject of his three lectures, all to be given at 4 pm in room 2-390 are: "The Structural Complexity in Polycrystalline Matter and in Scientific Thought" (Tuesday); "Archaeology and Early History of Metallurgy" (Wednesday); and "The Metallurgical Profession, 1966, plus or minus 50 Years" (Thursday).

The annual series of lectures was established in 1946 in honor

of Professor Robert S. Williams, first head of MIT's Department of Metallurgy. Other Williams lecturers have been world-famed physicist Sir Nevill Mott (1960), Nobel Prize winner William Shockley (1950), Alan H. Cottrell of the British Ministry of Technology (1953), and Frederick Seitz, President of the National Academy of Sciences (1947).

Dr. Smith, who has the title of Institute Professor as well as being a professor of metallurgy and of the history of technology and science, is especially concerned with the interplay of science and technology and its influence on the history of human thought. In 1946 he received the United States Medal of Merit for his metallurgical work on fissionable materials. For a book on the history of Metallurgy which he wrote under the Guggenheim Foundation, he received the 1961 Pfizer Award from the History of Science Society.

MIT - RPI

Saturday Cage 8:15 p.m.
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Music at MIT

Orchestra begins season

By David Grosz

David Epstein led an improved MIT Symphony Orchestra in its first concert of the season last Sunday evening. In it, he left no doubt of his continuing passion for finding Boston premieres for his group.

The program opened with a segment of an orchestral suite by John Helmich Roman, a little-known Swedish baroque composer, who, judging from this work, probably deserves to retain that status. It is so completely derivative that to enumerate its direct influencers would be pointless. This fact of itself, however, would not necessarily be disparaging in the context of the baroque, but the work does fail to develop interest. Mr. Epstein's interpretation was consistent with contemporary practice, and was, in general, tightly knit.

Large ensemble

One major exception to this trend, though, was his use of an inordinately large ensemble: the entire string section of the orchestra, along with the few required winds. This had the effect of making several portions, especially those in slow tempi, seem heavy-handed and lacking in delicacy. Of course, he had also to contend with a goodly number of se-

MIT Symphony Orchestra:
David Epstein, conductor;
Kresge Auditorium, December 4, 1966.
J. H. Roman: Drottningholm-Musique
Leos Janacek: Sinfonietta
L. van Beethoven:
Violin Concerto in D, Op. 61,
Joseph Silverstein, violin

vere problems in string intonation, but these were less significant than in previous concerts.

The second work was a rather rarely heard sinfonietta of Leos Janacek. If viewed as primarily a study in timbres, it can be rather interesting, and it was indeed this aspect which Mr. Epstein emphasized, succeeding in effectively playing off-tone color variations between strings and brass. At times, especially in the first and third movements of the five-movement work, the conductor was able to obtain some notion of majesty and sweep. Again, the technical difficulties were not overly obtrusive.

Soloist Silverstein

To conclude, Mr. Epstein offered the Beethoven Violin Concerto, with Joseph Silverstein, concertmaster of the Boston Symphony, as soloist. The orchestral work throughout was of a fairly high calibre, though the tone was at times somewhat harsh. Mr. Silverstein's reading revealed little new about the work, but the over-

all interpretation was quite adequate. As usual, Mr. Silverstein's technical performance was flawless, but his tone often lacked richness, and he left a generally solid, but uninspiring impression. During most of the piece, Mr. Epstein demonstrated that he knew how to establish a proper relationship with the soloist, but occasionally drifted away from this contact.

Thus the Orchestra has been raised, hopefully permanently, from the depth of mediocrity hit last year.

Ornette Coleman Trio to perform in Kresge

WTBS will present Ornette Coleman, "Downbeat" Best Record of the Year Winner, Friday evening, December 16, at 8:30 p.m. in Kresge Auditorium. Tickets are priced at \$2, \$2.50, and \$3.

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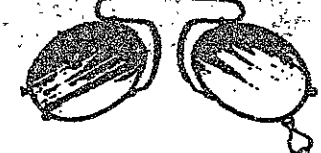
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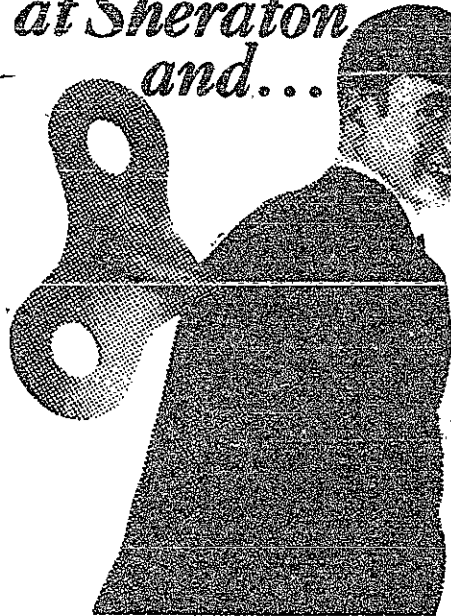
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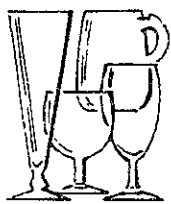
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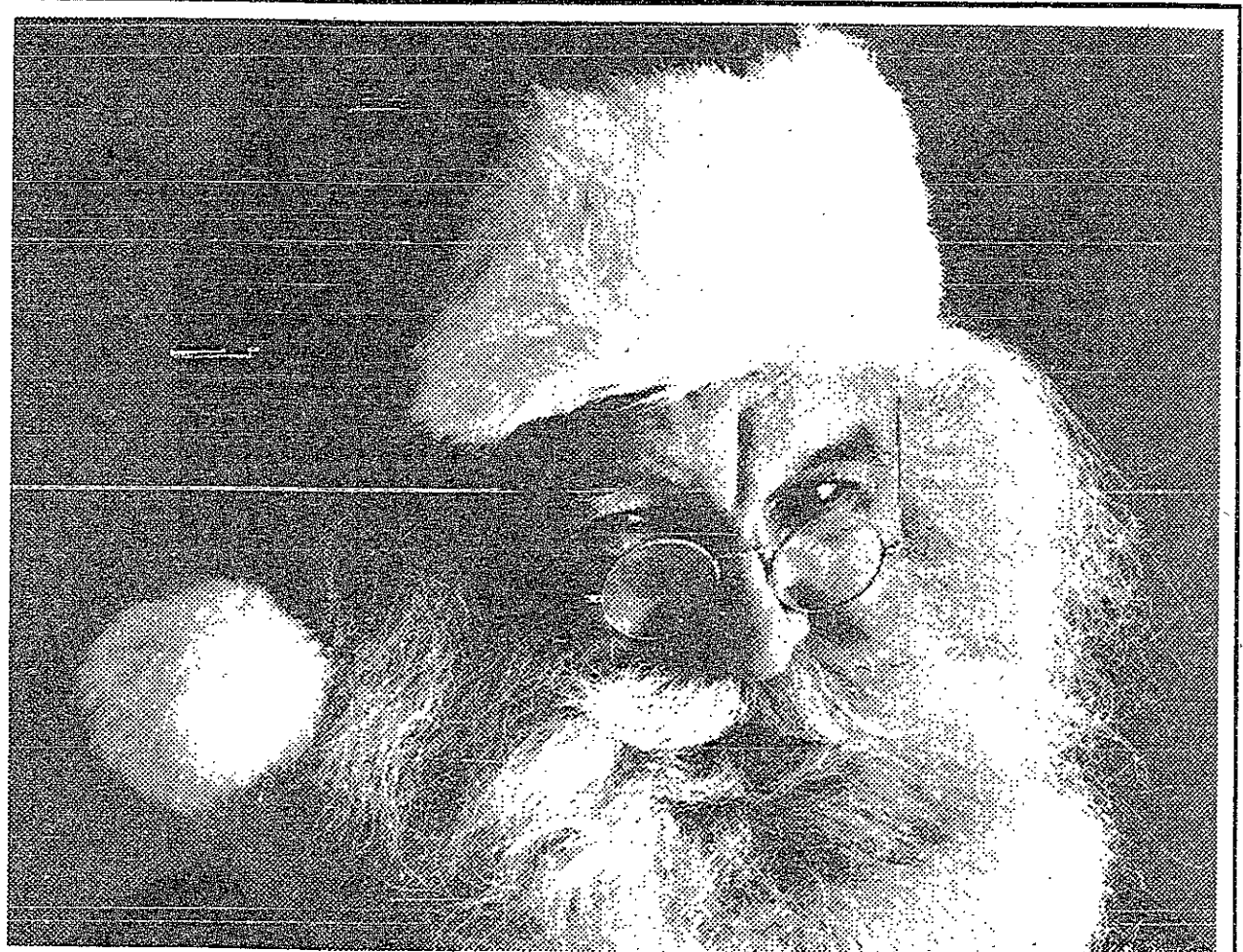
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Holy Cross outskates Tech, 6-1

By Jon Steele

Coach Ben Martin's varsity skaters dropped their second game Monday night, losing here to Holy Cross, 6-1. Much like the opener Saturday against UMass, they were out-skated and out-hustled at both ends of the ice.

Holy Cross scored first midway in the opening period while Tom Newkirk '67 was out on a cross-checking penalty. Near the end of the period, Clay Satow '68 took a rebound and hit the open net from the corner of the crease to tie up the score.

Holy Cross came right back at the opening of the second period as Charles Butler took the puck in unassisted. This play was typical of the engineers' inexperience and lack of hustle. The puck had crossed MIT's goal line for icing and the defenseman had a ten foot lead on Butler chasing the puck. Butler still got there first and bounced a shot off goalie Steve Eriksen '69 for the tally.

The Crusaders added another score in the period and three more in the third.

This is the first year Holy Cross has fielded a varsity team. (Play there was previously limited to club activity.) The skaters looked like they were out to win, but it was mostly the engineers' inexperience which determined the outcome. Specifically, the Techmen were invariably beaten in the scrambles for a loose puck; they had trouble passing, catching, and playing the puck off the boards; the defensemen were unable to block shots by going down or lying the stick along the ice; and most important, the point men on offense allowed the opposing center to drift across the blue line and get free on the fast break.

The team will face Worcester Saturday night.

Fencers humbled by Crimson team; Marx wins twice

MIT's fencers were hopelessly outclassed as they fell to Harvard 22-5 Wednesday night. Tech fencers were down 2-7 at the end of the first round and never showed any signs of closing the margin. Curt Marx '68 accounted for the only two Tech wins in sabre as he went 2-1. The first round of epee looked good for MIT; Bob Markey '69 and Tom Lamb '69 each won their first round match. In the last round of epee Markey won again, leaving him 2-1 in the meet. Foil seemed to be a jinx to MIT, Harvard swept the event winning every match. Tech fencers hope to get their first win of the season tomorrow at Brandeis.

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Saturday, December 10

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 Basketball (F)—RPI, here, 6:15 pm
 Wrestling (V)—Williams, here, 3:30 pm
 Wrestling (F)—Williams, here, 2 pm
 Wrestling (JV)—Central Connecticut, here, 2 pm
 Swimming (V)—RPI, away, 3:30 pm
 Swimming (F)—RPI, away, 2 pm
 Indoor Track (V&F)—Bates, here, 1 pm
 Fencing (V)—Brandeis, away, 2 pm
 Hockey (V)—WPI, here, 7 pm
 Pistol (V)—Merchant Marines, away
 Rifle (V)—Coast Guard, here, 1 pm

Monday, December 12

Basketball (JV)—Harvard, here, 7:30 pm

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I pledge allegiance

Most of the Institute's staff and student body seem to be unable to generate any enthusiasm over the Massachusetts Teachers' Loyalty Oath case which finally got into court yesterday.

One reason for the lack of interest might be traced to the innocuous nature of the 30 year old oath which does little more than call on its signers to 'support the Constitution'. Since its passage in 1935, even the most liberal-minded members of the Massachusetts academic com-

Lost mail

Today most major college newspapers will be running accounts of the nationally prominent conference on the draft held earlier this week at the University of Chicago. This conference, which featured scores of the nation's most influential and important legislators and government officials, was perhaps the most important single input source to date for possible revision of the Selective Service.

Unfortunately **The Tech** will not be able to carry a first-hand account of the events in Chicago, because no student from MIT was able to attend. We were invited, we had a number of people who would have made excellent delegates, we even had the money to finance the trip. The sole reason why one to three MIT students didn't take part in the Chicago conference is the fact that necessary registration material mailed via air mail from Chicago on November 17 didn't reach UAP Frank March until December 7, the last day of the conference.

It's possible that the Chicago conference material was delayed by the US mails, but it's far more likely that the material was lost in MIT's own mail system for most of the three weeks it took it to reach the Undergraduate Association Office.

Here at **The Tech** mail arriving through the interdepartmental system has often taken from four days to three weeks to make the trip across Mass. Ave. from the main Institute. By actual experiment, a letter mailed in the main building takes an average of four days to reach Burton House.

The institute of technology which is designing the guidance system to take men from the earth to the moon ought to be able to design a system for moving a piece of paper from one building to another quickly and correctly.

munity have tended to regard the law as a mere nuisance, not worthy of the effort that it would take to challenge its validity.

While it is true the state's teachers' oath hasn't really restricted anyone's academic freedom, we feel that Joseph Pedlosky '59 was right to challenge the law when he was appointed to the faculty last fall. We can see no reason why a faculty member of a private university like MIT or Harvard should be forced to sign any statement of intellectual intent by the state of Massachusetts.

Even an innocuous oath like the present teachers' oath can set a dangerous precedent for state control over what can or cannot be expounded by a university professor.

We hope the state's Supreme Judicial Court will give the case a quick and fair decision. Since the present oath contributes no good to the state or the academic community, we feel the wisest decision would be to remove it from the books.



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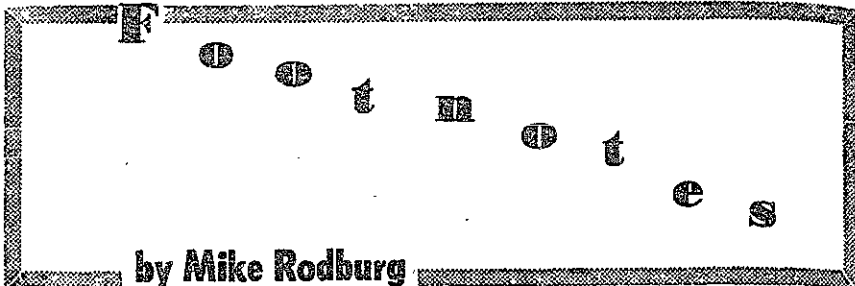
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Front page photo of Building 13 taken by John Roderick.



128. The Cold War may have taken a new turn now that computers are getting into the act. In the brain race, a Stanford computer is to take on a Soviet computer in the game of chess. Dr. John McCarthy, a Stanford professor who also has students at MIT, is seeking to improve intelligent behavior by machines. The chess-playing program has been developed since 1957 by Tech and Stanford students. The moves are reported by telegram, and programmed into the respective machines.

129. Jack Kritz '41 has been granted a patent for an overhead clearance device for trucks which allows the driver to

judge if his vehicle will fit under a viaduct. The device consists of two antennas, the first sounds an alarm if the front of the truck will not fit, the second automatically hits the brakes should the truck begin to hit the top as it proceeds through.

130. During the current string of Berkeley riots, the Harvard Crimson was not content to depend on AP or UPI or The Times for its information. They are now getting firsthand "special to the Crimson" stories by their managing editor. The editor, Linda McVeigh, was flown out there last week when things first began to happen, and since then has wired back a string of front page developments.



People these days will do almost anything to keep the kids in college, but one group has gone a step further than most. The student's representative council at Cambridge University in England has proposed that there be built a rest home for students where they could go "to get away from the stresses of university life." This is part of a mental health campaign launched after two student suicides early in the fall term.

SUPPORTER RAIDS???
With most colleges having trouble with "pantie raids," boys raiding girls dorms, the University of Calgary has a problem exactly opposite in nature. Sixteen girls were caught in a halloween raid on a men's residence. All girls received, as punishment, 11 pm curfews for two weeks, and fifteen of them received fines of \$15 each, while the sixteenth was fined \$25. Could this raid be the start of a new trend?

Meter thieves
People have always been trying to outwit the parking meter; and with sign stealing going out of style, many are looking for a new hobby. Some people in Eugene, Oregon, can kill two birds with one stone — they eliminate the coin hungry parking meter, and have fun doing it. The latest sport? Stealing parking meters! This is frowned upon by authorities, however, and after a harsh warning by dormitory counselors, all five were returned to the side-

walk in front of Straub Hall of the University of Oregon, from where they were stolen. Traffic engineers said that if the practice continued, the entire area would be made into a no-parking zone.

Stereo experts
The upperclassmen at the State University College at Oswego, New York, are taking no chances with the stereo music system at Hewitt Union. One's name must be on a certain list before he may operate the equipment. In order to get on the list, one must take lessons in Stereo Equipment Operation. It must be a really exclusive setup!

Stamp out exams?
The pressure of Exams cause many hard-working (and not so hard-working) students to dream of what it would be like without them. This is the case at Goddard College, a small, liberal arts college in Plainfield, Vermont, where grading is done by "soul searching" evaluations made by the student and his teacher at the end of the semester. The grades themselves are merely "pass" or "fail," which, according to a senior counselor there, "reduces the motivation of fear and competition and substitutes inner motivation and interest."

According to another source, "A Goddard student works for the things that are important to him and not for a grade." It is reported that Goddard students also do quite well at graduate schools.

magazine review...

'Innisfree' strives for controversy

By Thomas Nesbitt

If you purchase the December issue of *Innisfree*, you will probably do so in order to read one article: *Innisfree's* interview with Dr. Timothy Leary about his religious approach to LSD. The interview is long and well-done and undoubtedly is this issue's greatest merit.

A Forum

The best comment which can be made about the article unfortunately cannot be made about the magazine in general. *Innisfree* defines itself as 'The MIT Monthly Journal of Inquiry' and this interview is indeed an inquiry. Many of this issue's articles are not. Witness, for example,

'The Birth of Rock' and 'The Basketball Team in Europe: a Travelogue.' These are well-written and fairly interesting articles; but do they belong in a magazine which the publisher continually reminds us is, in essence, a forum?

There is one other aspect of *Innisfree* which I would like to spotlight — its tone. Whereas straight subject matter can be (and basically was) determined by a formal constitution, tone must be determined by tradition. *Innisfree*, being a relatively young publication, is forming rather than following tradition.

It would be a tragedy if articles of the derisive nature of Nat London's attack

professor Walt Rostow were to become a part of *Innisfree's* tradition. Disagreement should be voiced, certainly—*Innisfree* was created, remember, to serve as a forum—but basic respect for a man simply because he is a man should never be forgotten. Is it even to the advantage of a purportedly serious writer to indulge in such name-calling as 'that dolt in Political Science' or 'our intrepid cub reporter'?

The January issue of *Innisfree* will include an analysis of the *Playboy* Philosophy. It will be interesting to see how solid an analysis *Innisfree* can contribute on a subject which is bound to be controversial.

Letters to The Tech

Doublecrossed

To the Editor:
I'm afraid the music department is just too psychic for me. After not having been to class for a week, I was jolted by a sneaky doublecross!
Somehow the instructor had gotten hold of one of those 5-chalk devices I had suggested to The Tech and he was delightfully creating musical staves with

obvious joy. Problem solved!
Don Berliner '67

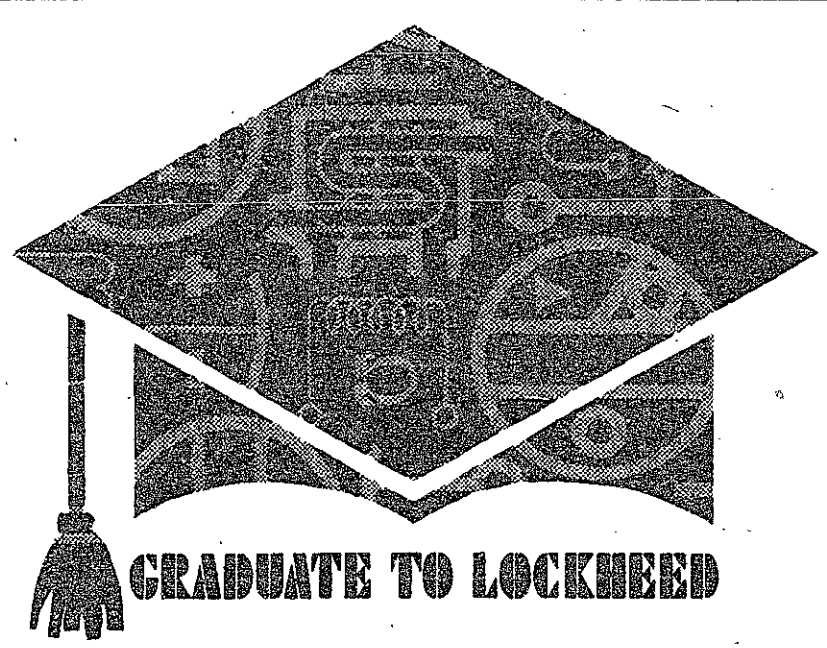
PS—Another small gripe against the music department is at hand, however. Why do those gorgeous grand pianos have to sit locked up in 2-190, the Student Center and other places? I know we have piano rooms in the Student Center, but a grand vs. an upright is just no contest.

Tree Scene

To the Editor:
Congratulations on the cover photo of last Friday's (Dec. 2) issue. Even a few bare trees are more esthetically pleasing, and certainly more a part of the MIT scene than the usual concrete superstructures used to typify MIT.

Peter Ralph 'G





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West Point shooters down Tech; Swanson leads engineer squad

West Point edged out MIT's pistolmen 2218-2207 Saturday, December 3, in the first match in which the Techmen have come within a hundred points of the Cadets. The U.S. Military Academy shares the national pistol title with the Air Force Academy.

West Point, an All-American, who shot a 570.

High scorer for MIT was Dennis Swanson '68 with a 565 out of 600. Making up the rest of the total were John Reykjalin '67 with 555, Adam Reed '67 at 552, and Mike DeManche with 535. High scorer of the day was Merritt of

Junior grapplers shut out Emerson

In their opening meet of the season, the MIT junior varsity wrestlers shut out Emerson College, 41-0.

At 123 pounds, Roger Chang '69 came from behind to win by a fall over Emerson's Dick Leonard. Ed Tripp '67 also won by a pin in 2:43. Senior John Reynolds' 137-pound match was decided by default, and Jack Wu '68, 145, piled up over 7 minutes of riding time to defeat Ed Conture, 6-0. At 152 lbs., Tom White '69 took 0:45 to pin Emerson's Gary Woods. Don Pryor '68 pinned 160-pound Brian Bendiks. Geoff Smith '68 had no trouble with Jim Poirot, pinning him late in the second round of their match. At 177 pounds, Chris Davis '69 overcame a size advantage to defeat Paul Levine 4-0. The MIT score climbed to 41 when Emerson forfeited the unlimited match to Tom Garvey '68.

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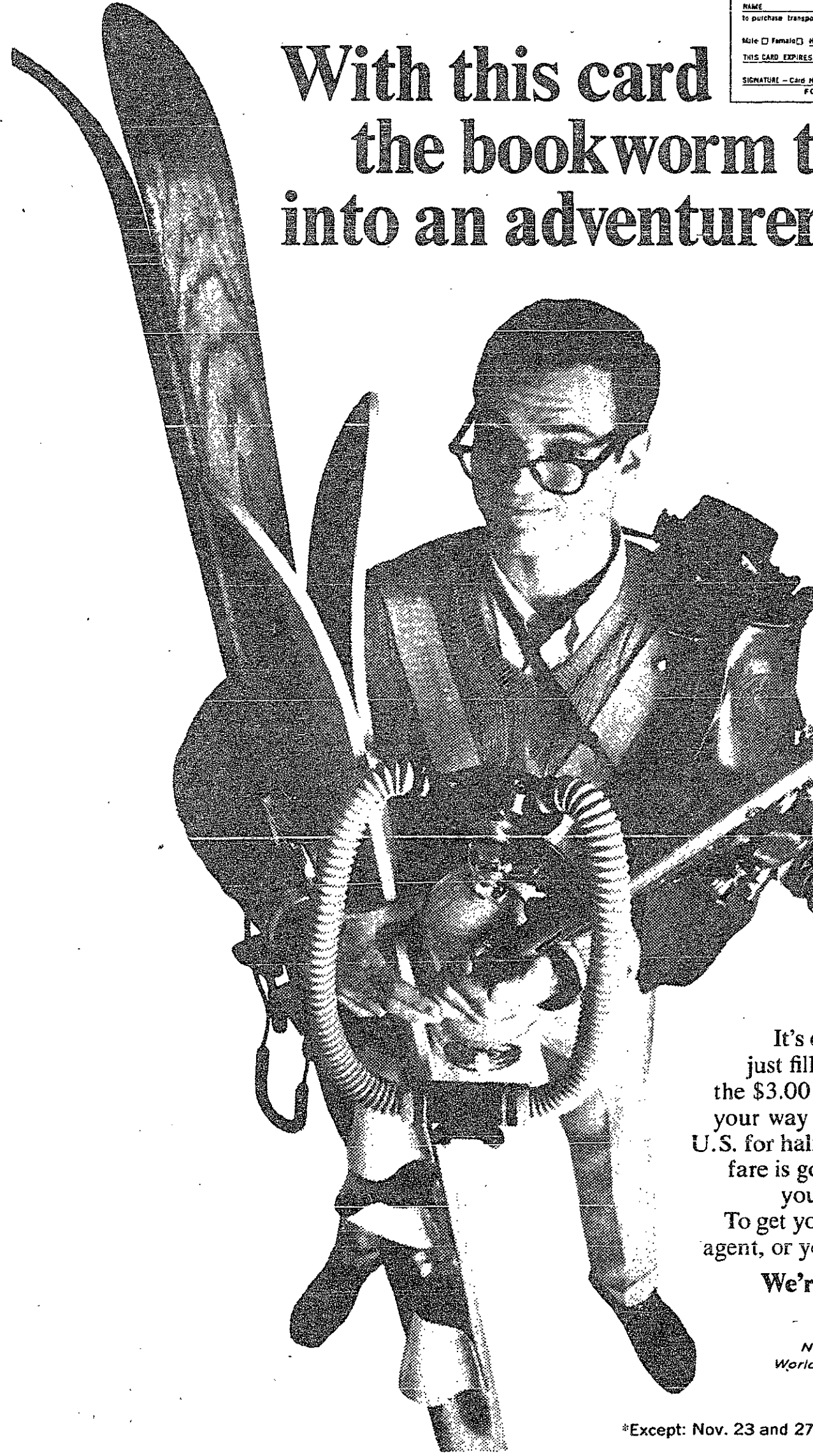
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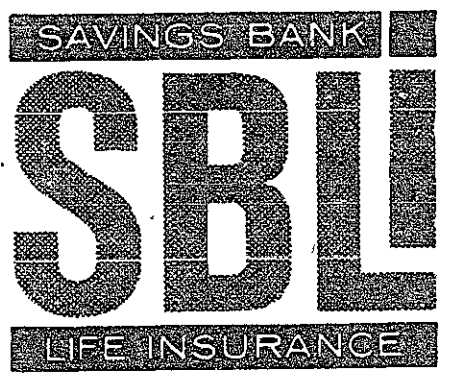
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Riflemen down BU by 238; edged by Northeastern

By Rick Richey

MIT riflemen outshot BU by a resounding 238 point margin on Saturday, December 3, to bring their season record to 3-2. The day before, Northeastern topped them, 1277-1261.

Karl Lamson '69 led the Tech shooters to victory with a 266 total. Charles Marantz '67 at 265, Dennis Artman '68 at 256, Dave Hunt '69 at 250, and Chris Ryan '69 at 243 completed the 1287 points.

In the Friday match Lamson was the top marksman with a 264. Also in the top five were Marantz at 257, Bob Pratt '69 with 249, Artman at 248, and Ryan with 243.

The two matches left the shooters with a 2-1 record in the New England League and a 1-1 record in the Greater Boston League.

In each match, the individual rifleman is trying for a possible 300 points.

Indians top Tech in varsity squash

By Roger Dear

MIT's varsity squash team suffered its initial defeat of the 1966-7 campaign Saturday, as the Beavers bowed to Dartmouth, 6-3. The team now has a 1-1 record. The Beavers' top three men, captain 'Chye' Tantivit, Eric Coe, and Ken Wong respectively, all won their matches, but the Indians had just too much depth and won all the other contests.

Chye's match was the closest of the afternoon, for it was the only one to go to five games. His opponent, Carter Hall, took the first game, 9-15. The next two games were squeakers which Chye managed to pull out, 17-14, and 18-15. Hall won the next, 3-15, but in the final game Chye conquered, 15-10. Eric Coe beat his opponent in four games, 15-7, 15-13, 6-15, 15-8. Ken Wong had the greatest success of the afternoon by winning his contest in three straight, 15-8, 15-7, 15-11.

The engineers will face Army tonight at 7 pm on the DuPont Athletic Center courts.

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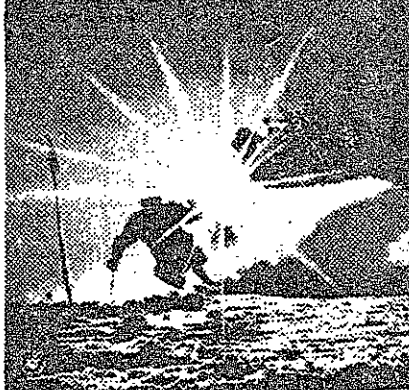
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Statute, issue both vague

(Continued from Page 1)

for his refusal to sign the oath, so the Attorney General's Office took over and prepared a brief in defense of the oath's constitutionality. Further, the Massachusetts Civil Liberties Union, as a friend of the court, has contributed its own brief — an attack on the oath following a different viewpoint than that of Atty. Berlin.

Legally, the issue in question is as vague as the oath itself. Pedlosky's brief argues that the oath's "indefiniteness and threat of criminal sanctions makes its imposition as a condition of em-

ployment a violation of the guarantees of the due process of law." State bases case on vagueness. On the other hand, the Commonwealth of Massachusetts argues that the court is obliged to interpret a vague statute in such a way as to make it constitutional. The State is basing its brief on the supposition that the oath is so vague that it imposes no restrictions on signatories that other state and federal laws do not impose. Should the Supreme Judicial Court uphold the position of the state, Pedlosky will probably appeal to the Supreme Court.

Local instructors discuss scientific studies abroad

(Continued from Page 1) September 20, 1966.)

council of professors and students, and this arrangement "gets in the government's hair." When the military took over in June, Dr. Ambrose was teaching at the University of Buenos Aires. The universities were put under the control of the Minister of the Interior, a change in autonomy which, according to Ambrose, could mean only destruction for the universities. (See The Tech,

Blessor speaks of Germany experiences in Germany. He observed that the Germans seemed almost authoritarian, and that their social structure appeared very set. The Germans, he said, are friendly to Americans, because, as a result of their American contact, they are "happy and well fed, so 'why not?'"

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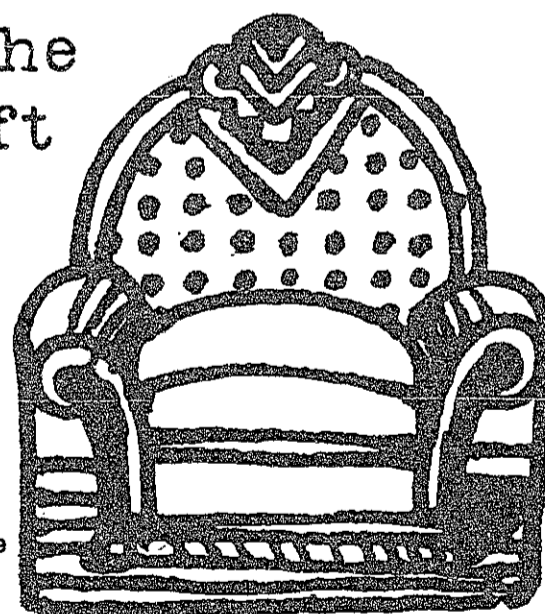
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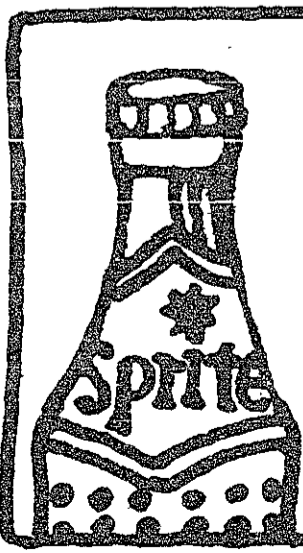
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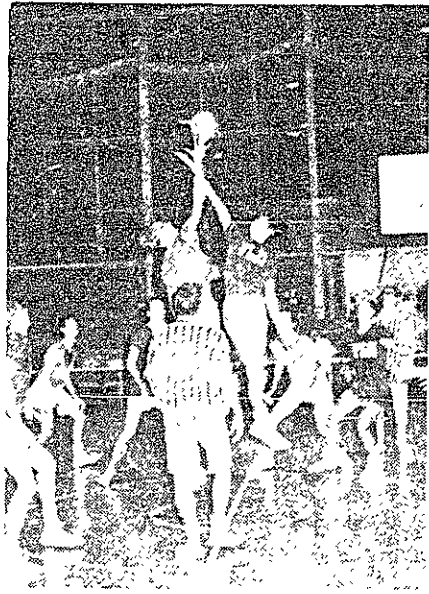


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IM basketball

Fiji's top Lambda Chi; AEPi remains unbeaten



Polaroid by Lew Golovin

Fiji center Steve Smith '70 battles LXA's Chick Chotkowski '68 for the opening tip-off in the second half of Wednesday night's game. The Lambda Chi's were upset, 36-30.

By Joel Hemmelstein

Rockwell cage was the scene of hot intramural action Wednesday night as the Fiji's beat Lambda Chi Alpha, 36-30, and Alpha Epsilon Pi rallied for a 45-30 victory over Sigma Phi Epsilon. Three of the four teams are certain to see playoff action after the regular season ends.

AEPi extended its winning skein to four games when they overcame a four point deficit at the end of the third period to notch the win. Holding the opposition scoreless throughout the final quarter, the Pi's poured in nineteen straight points. Gerry Banner '68 led the onslaught, bombarding the bucket for nineteen counters, Mike Gelberg '67 backed the attack with twelve. Sig Ep's balanced attack kept their foes back until the last period charge. Ron Olsen '67 paced the squad with nine, followed by three teammates with six each.

SAE-AEPi game tonight
The most important game for

Phi Deltas edge ZBT, seize IM swim crown

By Herb Finger

Phi Delta Theta captured their second IM Swimming title in two years edging out Zeta Beta Tau by a 36-34 score. The Phi Deltas' two firsts, three seconds, and a third gave them the two point edge over ZBT's two firsts, two seconds and three thirds. Sigma Alpha Epsilon was third with 31 points.

Pete Amstutz '67 from Lambda Chi Alpha was the individual winner with first places in both 100 yard Freestyle and the Diving competition. In the latter event, Amstutz's three dives totaled 93.70 points, 29 points ahead of Bob Cole '69.

Three meet records were established Sunday. ZBT's 2:03.3 underscored the previous time for 200 yard Medley Relay. Bill Kampe '66 broke the 100 yard Individual Medley Relay record with 1:08.9 time. DU bettered the standing 200 Freestyle Relay mark coming in at 1:46.5.

Team totals:

1. Phi Delta Theta	36
2. Zeta Beta Tau	31
3. Sigma Alpha Epsilon	25
4. Theta Chi	21
5. Delta Upsilon	20
6. Sigma Alpha Mu	17
7. Lambda Chi Alpha	13
8. Baker	12 1/2
9. Burton	10
10. Ashdown	6 1/2
11. Sigma Phi Epsilon	6
12. Phi Lambda Phi	6
13. Alpha Epsilon Pi	1
14. Sigma Chi	1

How They Did

Basketball
MIT (V) 82, Brandeis 57
Swimming
MIT (V) 59, Tufts 36
Hockey
Holy Cross 6, MIT (V) 1
Fencing
Harvard 22, MIT (V) 5

Hoopmen crush Brandeis

By John Kopolow

The varsity cagers rolled to an 82-57 victory over the Brandeis Judges last Tuesday, chalking up their third win of the young season in as many starts. Playing a totally outclassed opponent, the Beavers staged by far their most impressive performance of the year.

From the opening tip MIT dominated play, frequently breaking down Brandeis' zone defense. A Ray Ferrara '67 layup on the tail end of a successful fast break followed by a tap-in by senior co-captain Alex Wilson put the Beavers in front 12-5 after just six minutes of play.

Tech defense effective

MIT switched back and forth between a zone and man-to-man defense, baffling the host Judges. Barry Zimmerman, who was the big gun for Brandeis last year, scoring 31 points in their 94-66 loss to Tech, was held scoreless by the Beavers this time.

Coach Jack Berry got a big lift once again from his bench. When starting center Bob Hardt '67 acquired his third personal, he was replaced by junior Alec Bash who hit three quick field goals. Two assists on sharp passes by Bob Ferrara, one to Bash and one to

Wilson, shortly before the end of the first half gave MIT a substantial 46-32 lead at the intermission.

Score ten straight

The Beavers racked up ten straight points at the outset of the second period.

With a 56-32 bulge the engineers coasted the rest of the way. Both coaches unloaded their benches for the final four minutes of the game which ended as an 82-57 MIT triumph.

Wilson's 25 points in the contest were his high for the year. Hardt hit for 17 and Jansson, though having a cold shooting hand, played a fine floor game and scored 14.

Tomorrow night the Beavers can expect to face tougher competition when they go against RPI, starting at 8:15 in Rockwell Cage. During halftime a group of BMOC's will take on a collection of faculty All-Stars in what promises to be a rare display of basketball talent.

Mermen trounce Tufts, 56-39; Clare smashes two records

By Jeff Goodman

A weak Tufts team fell to the Tech swimmers 56-39 Tuesday in a meet which saw two MIT records lowered.

Sophomore Luis Clare broke the 200-yard individual medley standard at 2:12.5, bettering the previous mark by over two seconds. Clare then broke the 200-yard backstroke record in 2:12.7, smashing the 14-year-old time of 2:15.5 set by Dirk Plummer on March 2, 1952.

Tech opened the meet by winning the 400-yard medley relay, leaving Tufts over a lap behind. Steve Mullinax '69, Larry Preston '68, John McFarren '68, and Tim Merrill '69 made up the relay. Bill Stage '69 and Mike Crane '67 continued the string by placing first in their respective events of the 200- and 50-yard freestyle in times of 1:59.4 and 23.4 seconds. Clare and Rich Dorman '69 swept the I.M., with Clare breaking the record.

Dan Gentry '68 took the diving for his second win against no losses this season. In the 200-yard butterfly, Sacknoff of Tufts broke a Tufts record at 2:16.1. John Wrigley '67 got Tech back into the winning column as he took the 100-yard free in 55.7. Clare and Bill Wagner '69 followed by sweeping the 200 backstroke as Clare set the record.

Mike Perloff '68 won the 500 freestyle, but the 400-yard freestyle relay of Bill Carson '69, Wrigley, Dave Lyon '69, and Gerry Venema '69 was edged out by a stroke, making the final score 56-39.

Frosh sports

Hoopsters split midweek games

By Paul Baker

Coach Arnie Sinsal's frosh courtmen encountered some tough competition Tuesday evening as they were jolted 81-48 by Brandeis.

The hoopsters had difficulty penetrating a stubborn Brandeis defense, and were plagued by early foul trouble; they racked up fifteen personals in the first half. Steve Chamberlain and Bruce Wheeler topped the scoring column with 13 points apiece. George Katsiaticas showed a lot of hustle as the third string had its first taste of action.

Wednesday, the engineers bounced back on to the winning path as they topped Exeter 69-57. Tech jumped out to an early 11-4 advantage and never trailed. Wheeler was the sparkplug for the early scoring; he popped four field goals and a foul shot in the first quarter. Exeter was persistent, however, and they returned from halftime trailing by only six points, 33-27.

John Vliet assumed scoring responsibility in the second half,

tallying most of his 18 points, while John Light, in a relief performance, swished two foul shots to quell a late Exeter rally. Bob Vegeler also scored crucial points and finished the night with a 13 point total.

Mermen Tie Tufts

The freshmen swimmers were not intimidated by statistics Tuesday night, as they splashed to a 47-47 tie with mildly favored Tufts.

The Tech mermen boasted one double winner in Jeff Ellison; he won the 50 and 100 yard freestyle events. Jim Bronfenbrenner captured first place honors in the 200 yard butterfly and finished third in the 500 freestyle.

Howard Hall and Don Riley outswam their competition in the 500 freestyle and 200 backstroke respectively. The diving event was a big booster for MIT., as Tufts failed to enter a competitor and Tech swept all 8 points. Bob Rorschach finished first in the event. He totaled 69.6 points — an excellent performance despite the lack of competition.

Ferrara faces Friedman

Billiards finals tonight

By Jack Rector

Ray Ferrara '67 will challenge defending champion Doug Friedman '67 in the final match of the second annual MIT Pocket Billiards Tournament Friday night, December 9, at 7:30 in the Sala de Puerto Rico of the Student Center. Friedman defeated Ferrara last year in the finals, but Ray has steadily improved this year in the tournament and will be out to avenge his loss of last year.

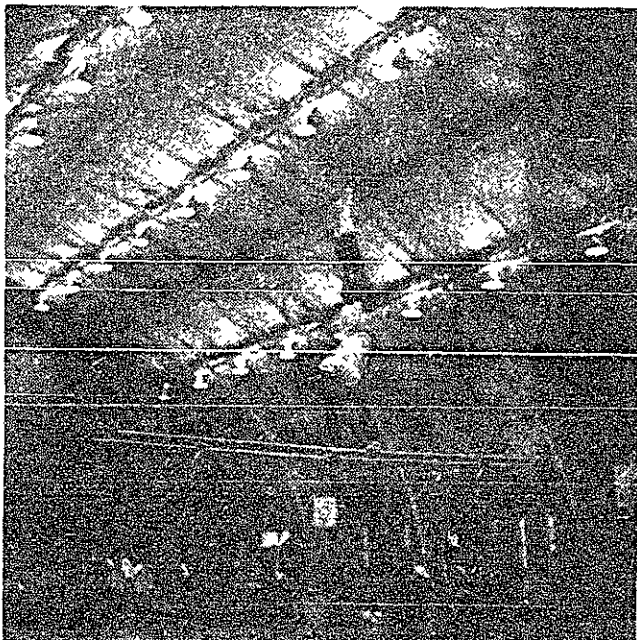
In Friedman's semi-final victory over freshman George Pantoulis, both players started slowly, but Doug soon built up a lead as he consistently ran 10 or 12 balls. Neither player was able to put together substantial run. Friedman won the match 125-105 as he withstood a late charge by Pantoulis.

Finalist Ray Ferrara '67 easily subdued Alan Greenfield '69 who had not yet been released from the infirmary. Greenfield was well off his game and was not able to sustain any long runs. Ferrara looked very strong as he put together several complete racks.

There will be elevated seating for 400 people in the Sala for the finals. The campus community and the public are invited.

Gymnasts top Dartmouth

Last Saturday, fifty spectators witnessed the first gymnastics meet at MIT in 30 years. The MIT club, sparked by five freshmen, easily defeated the Dartmouth team 67-21 with clean sweeps in the horizontal bar, parallel bars, and still rings.



Polaroid by Woody Stoddard

Gymnast Dick Hood '70 shows his form on the parallel bars. Hood captured this event along with the still rings competition to lead the Gymnastics Club to a resounding 67-21 thumping of Dartmouth. Pete Amstutz '67 was MIT's other big scorer with a first place in high bar and two seconds.

The gymnasts were led by Dick Hood '70 who took firsts in the parallel bars and still rings and a second on the high bar. Pete Amstutz '67 captured the high bar and took second in the free exercise and side horse.

Tech took firsts in every event except the free exercise, where Dartmouth's Moskowitz took the event. Mike Devorkin '69 took the side horse with Amstutz in the second spot.

Phil Miller '70 joined with Amstutz and Hood to sweep the high bar. Miller also captured the long horse vault with a 8.05 total, piling up a 1.85 margin over Dartmouth's Cooper. John Schaefer '69 and Tom Hafer '70 joined with Hood to sweep the parallel bars competition, while Hood, Hafer, and Miller took all three places in the still rings.

Dartmouth managed only three places in the meet, taking a second in the long horse vault, a third in the side horse, and first in the free exercise.

Tomorrow the MIT club will travel to New London to meet the Coast Guard Academy team, where they anticipate

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