

Kaufman takes speed title

MIT Chess Club captures 2 National Championships

By Barry Weiss

Members of the MIT Chess Club left the 1966 Intercollegiate Chess Championships at Penn State victorious in two of the three major events.

Larry Kaufman '68 topped 34 other players in the speed competition, a contest in which each player is required to move within ten seconds of his opponent's previous move. He edged his nearest contender, John Meyer of Yale, by 1/2 point. Kaufman finished with a score of 7 1/2-1 1/2 while Meyer stood at 7-2.

The point system used in chess tournament is a won-loss basis, with draws counting 1/2.

MIT chessmen also won the team championship, which was decided by the sum of the top four

scores from each university. Besides Kaufman, Carl Wagner, Alan Baisley '70 and Larry Schmitt '70 represented MIT in team competition, where they tied Berkeley's score of 22 1/2 out of 32. However, the Techmen were given the title on the basis of its stronger opposition.

Toronto University, defending last year's team title at Fordham, finished fifth.

160 students compete

Some 160 students from 49 colleges and universities completed for the individual title which was won by John Meyer of Yale. Kaufman and Wagner of MIT tied for sixth place in the competition. Also playing for MIT in the singles were William Porter and Pete Meschter '69.

Lyndon named Architecture head

Donlyn Lyndon, head of the Department of Architecture at the University of Oregon, has been appointed head of MIT's Department of Architecture and Professor of Architecture according to an announcement by Professor Lawrence B. Anderson, Dean of the School of Architecture and Planning.

Attended Princeton

Professor Lyndon attended Princeton University where he received the Bachelor of Arts degree with high honors in 1957 and the Master of Fine Arts in 1959. While at Princeton he was elected to Phi Beta Kappa and received the Frederick White Prize in the History of Architecture. In graduate school he held the Voorhees, Walker, Smith and Smith, and the Peter H. B. Frelinghuysen fellowships.

During 1950-60, Professor Lyndon traveled in India as a Fulbright Scholar to study Hindu temples. The photographic exhibit he prepared for the US information Agency was subsequently shown in Delhi, Calcutta, and Berkeley.

In 1960 he joined the faculty of the University of California where he remained until his appointment at the University of Oregon in 1964. At the University of California he taught architectural history as well as design.

He is the founder of the architectural firm of Moore, Lyndon, Turnbull, and Whitaker of Berkeley, a firm which has attracted national attention with its home, residential apartment, and condominium designs, and has received numerous awards and citations.

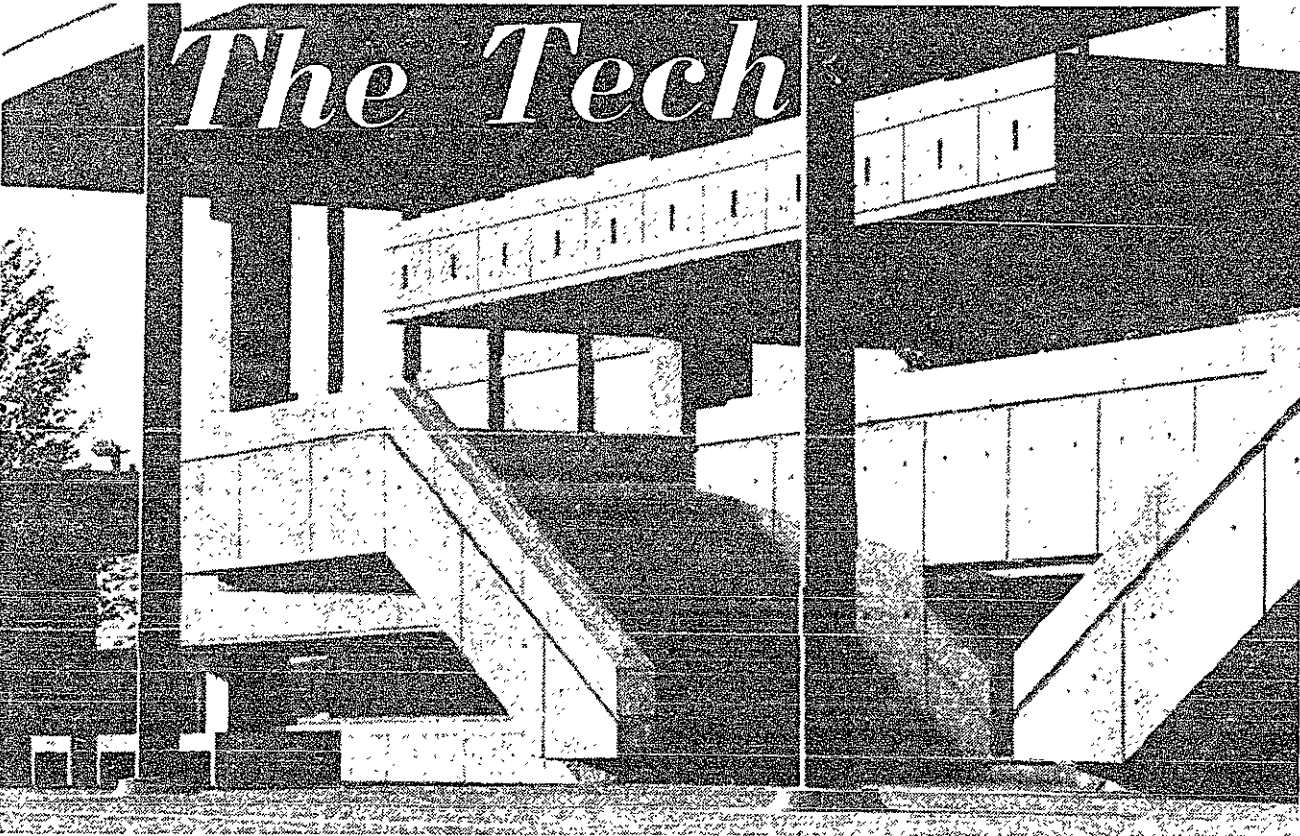
Noted lecturer

Professor Lyndon has lectured at universities and art centers throughout the country, and his articles, criticism, and reviews have appeared in leading archi-



Professor Donlyn Lyndon, newly appointed head of the Department of Architecture.

tectural journals. He is West Coast correspondent for "Architectural Forum," correspondent for "Architectural Design" (London), contributing editor for "World Architecture 3 and 4," and will be the new editor of "Journal of Architectural Education." He has served on several award juries and is active in the American Institute of Architects and the Association of Collegiate Schools of Architecture.



At MIT since 1928

Billard service award given to William Carlisle

By Carson Agnew

William H. Carlisle, Jr., manager of student personnel, has been presented with the Gordon Billard Award for outstanding service to the MIT community.

The award, which cited him for

"Serving with warmth and affection the abiding purposes of the Massachusetts Institute of Technology," was presented last Friday by President Howard W. Johnson.

Forty Years of Service

For nearly forty years Mr. Carlisle has devoted his efforts to helping students pay their own way during their MIT careers. After himself attending the Institute, he became assistant manager of the dining service in 1928. He has been manager of student personnel for the last fifteen years, responsible for finding and filling jobs for students who wanted to work.

Mr. Carlisle originated and for more than thirty years has been advisor for the annual Assembly Ball, the white-tie-and-tails affair given by the student staff of Walker Memorial.

Advisor to Sigma Chi

Formerly advisor to the MIT chapter of Sigma Chi, Mr. Carlisle is Grand Praetor, or chief national officer, for the New England-Nova Scotia Province and last fall became dean of the Praetorial College of the fraternity.

He was also a leader in founding a DeMolay chapter at MIT, and was charter advisor. He is a past master of the Richard C. Maclaurin Lodge of Masons, and former district deputy commander of the order.

The Gordon Billard Award was founded by Gordon Y. Billard of New York, who graduated from MIT in 1924. Among those who have received it in the past are Professor and Mrs. Samuel J. Mason, Professor Harold Edgerton, and Associate Dean William Speer.

Grade reports

First term grade reports will be mailed to the term address on Thursday evening, February 2. The report may be sent to the student at a different address if he goes to the Registrar's office no later than January 27. Telephone requests will not be granted.

Term reports will be sent to the parents of first year students.

Transcripts with first term grades will be available beginning the week of February 27, if orders are placed now. Transcripts without first term grades may be ordered up to February 24.

Vol. 86, No. 55 Cambridge, Massachusetts, Tuesday, January 10, 1967 Five Cents

Scholarship program evaluated

By Steve Carhart

Over half a million dollars more than had ever been available in previous years was allocated to the Student Aid Center for undergraduate scholarships this year. As a result, reports Director of Student Aid Jack H. Frailey, MIT became for the first time one of the few U.S. universities which guarantee every student admitted financial aid equal to his need as calculated by the College Scholarship Service, an independent agency based in Princeton, N.J.

Outstanding program

In addition to guaranteeing every student his calculated need, MIT does this in a manner which puts the Institute's aid program among the strongest in the country. Starting with the class of 1970, every student receiving aid has at least half his need met by an outright grant, as opposed to a loan. Furthermore, while most schools offer an aid "package" consisting of scholarship, loan, and a job, no MIT student needs to work to meet his calculated need. Finally, in addition to a student's calculated need, MIT gives students who live far from

Cambridge a travel allowance grant.

Aid constantly increasing

Mr. Frailey cited statistics indicating that in the past few years, both the average need of students receiving aid and the percentage of incoming classes that receive aid have been steadily increasing. The 570 members of the class of 1970 who receive help represent a 4% increase over last year's freshmen, and their average

need, \$1900, is the highest ever. These facts indicate that parents who heretofore would have been reluctant to send their children to MIT because of the cost are becoming less hesitant.

Effect noted in admissions

Professor Roland B. Greeley, Director of Admission, notes that "MIT's yield (the percentage of those admitted who actually reg-

(Please turn to Page 5)

Faculty spotlight

Provost Jerome Wiesner

(The following article concerning the Provost of MIT is a sequel to the recent series of six articles based on interviews with each of the Vice Presidents of MIT.)

By John Corwin

The Provost of MIT is the senior academic officer reporting to the President and "is responsible for the academic programs, both educational and research, of the Institute's five schools." Thus, Dr. Jerome B. Wiesner may be thought of as "Academic Vice President."

His concern with the teaching programs and the general academic environment seeks to provide "whatever is best for the students and faculty," of which the Institute tries to attract the best possible and to provide for them the materials they need.

As Provost, Dr. Wiesner is the Institute's top holder of responsibility aside from President Johnson, and he must always be in touch with the President concern-



Dr. Jerome B. Wiesner, Provost

ing academic affairs. Typically, he may partake in the decision of a faculty appointment, the decision to create new curriculum, or an interdepartmental problem.

Watches "details"

He also may deal with the problems of providing enough space and funds for departments which request them. In general, the Provost must "pay attention to the details" of getting things done efficiently and completely for the Institute's administration.

Beaver Key applications available to class of '68

Applications to Beaver Key, the junior-senior honorary, are now available to members of the Class of 1968. Juniors may obtain them from present Beaver Key members or President George Jones, 262-5929.

The absolute deadline for turning in the applications is 8 pm, February 6, Registration Day. The first 15 new members will be elected Tuesday, February 7.

Election date set for February 28

Institute wide elections will be held on Tuesday, February 28. Candidates for class office or Undergraduate Association President can pick petitions beginning Registration Day, February 6, in the Institute Committee office, W20-401. A list of election rules and regulations will also be available at that time.

The petitions must be returned to the Incomm office by 5 pm, Monday, February 20.

Acting Dean of Science

Dr. Wiesner's time is also devoted to the School of Science, of (Please turn to Page 3)

Summer program applications due

The 1967 Summer Intern Program in Washington, D.C., will begin selection soon of candidates for this summer. In order to be eligible, applicants must be Seniors or Graduate students who will be returning to an accredited college in the fall of 1967.

Preference will be given to those who have passed the written Foreign Service Officer Exam. For further information and preliminary applications, contact the office of Professor John Saloma, E53-425, x-3145. Applications should be filled out and returned by Friday, January 13.

Ex-Prof. Hudson dies; was at MIT 50 years

Ralph G. Hudson '07, professor emeritus of electrical engineering died last week in Fort Myers, Florida at age 81. Mr. Hudson served faithfully on the faculty from his graduation until retirement in 1957.

He wrote several technical publications during his term and was active in various organizations; among them are the American Association for Advancement in Science and the American Institute of Electrical Engineering.

Math Club to begin film series tomorrow

The MIT Math Club will present the first of a series of films, entitled "Challenging Conjectures," tomorrow afternoon at 4 and 5 in room 2-131. The film series will continue next term with films shown at 4 and 5 on Wednesdays in room 2-277.

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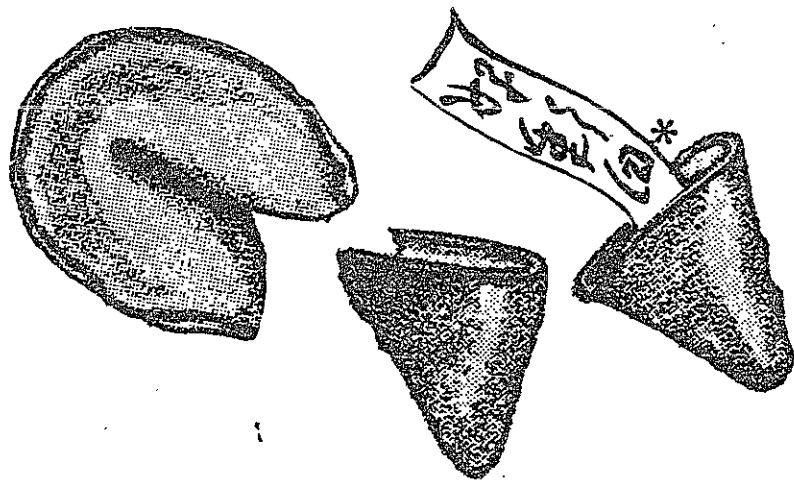
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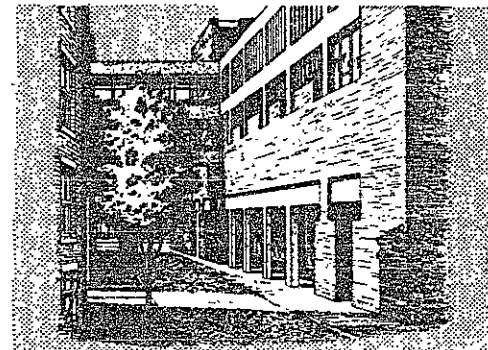
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Body Massage, 8 oz.	3.00	1.50	1.50
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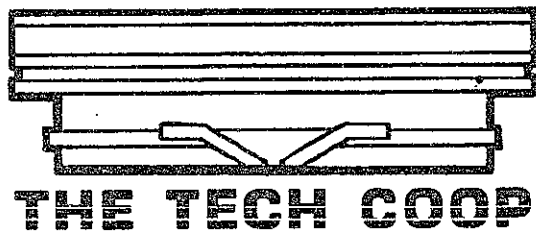
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Freshmen distribute questionnaire for social, academic improvement

The Freshman Council Feedback Committee distributed its questionnaire last Sunday. As in the last few years, the council has taken the responsibility to carry the project for the Institute. This year's questionnaire covers a wide range of topics which are of interest not only to freshmen, but also upperclassmen. The committee worked with Professor George Valley, the Institute Planning Professor, Dean Paul Gray, the heads of Freshman subjects, and other Institute

professors. "We hope to use the results of this questionnaire," says Feedback Committee Co-chairman Phil Byer, "to make recommendations to the Institute regarding the academic and social life of freshmen." "It will be important," adds Co-chairman Bob Berman, "to get as big a response as possible." All freshmen are to return their completed questionnaire to their Freshman Council Representative.

Wiesner expert on disarmament

(Continued from Page 1) which he is presently the Acting Dean. In this capacity he is responsible for the seven academic departments of biology, chemistry, geology and geophysics, mathematics, meteorology, nutrition and food science, and physics. Outside of his office, the Provost is also a freshman adviser for six students, who are reported to be doing "well." He is a member of the Watertown School Committee, and likes to sail and ski. He is currently writing articles on disarmament for the Saturday Review and the Associated Press.

A native of Detroit, Dr. Wiesner received his BS, MS and PhD degrees at the University of Michigan in 1937, 1938 and 1950 respectively.

During the Second World War, he joined the staff of MIT's Radiation Laboratory as associate leader of the radio frequency development group. Later he became project engineer of a key radio development program and a member of the lab's steering committee.

In 1945, Dr. Wiesner joined the Los Alamos Laboratory staff for a year, returning to MIT to eventually become a full Professor of electrical engineering in 1950. He became director of the Research Laboratory of Electronics (RLE) in 1952.

Contributions to science Dr. Wiesner's scientific contributions, particularly in the fields of microwave theory and the communication sciences, have been noteworthy. He was one of the principals in the conception of scatter transmission and in the application of statistical methods to communications engineering. He has participated in several

summer studies of great importance to the national defense, as well as in a number of international conferences devoted to the subject of disarmament. He was chairman of the Institute's steering committee for a Center for Communication Sciences established in 1958.

Tech Show '67 to tour abroad

The escalated conflict on foreign shores recently resulted in the drafting of the cast of "Lucky Williams", Tech Show '67. The talented and well-renowned thespians have been called upon by the Minister of Defense and Finance, Hoyt Hoyt, to entertain the troops of Malamundo for two months.

One of the many reasons for this choice was Karl Deirup (Lucky William) a graduate student in Physics who rose to fame in G&S's production of "The Gondoliers," with his portrayal of Luis. Fil Bertoni, '70, a member of Drama Shop, R. Price Rudy '68, President of G&S and Bob Blum '69 also of G&S are all nominees for Tony awards this year. Alan Covey '68 and Jim Seaton '70 are making their MIT debut but it is believed that their talent displayed in auditions is the reason for their recent draft notice.

Holly Brown, chorus of Tech Show '66, and Randy Goodman, both of BU, along with scores of fellow female entertainers are expected to raise morale abroad to new heights.

The triumphant troupe returns on Friday the third of March to thrill the Tech tools with their theatrical talents.

Gene Davis art exhibit opens in Hayden Gallery

The MIT Committee on the Visual Arts will host the opening of an exhibition of Gene Davis' recent paintings this evening in Hayden gallery at 7 p.m. Tomorrow at noon Mr. Davis will speak on his paintings to all who are interested in his work. The lecture will be held in room 10-250.

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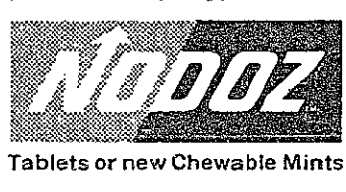


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Where the girls aren't

Recently, discussion after discussion on how to improve the Institute's 'student environment' have all seemed to bring out one point: if the concentration of females taking courses here could be substantially increased, the atmosphere of MIT's undergraduate life would be dramatically altered—for the better.

As recent events indicate, we aren't the only predominately male school to speculate on the benefits of a substantial female population. Yale's recent affiliation invitation to Vassar seems to have that 'seven sisters' institution seriously considering the possibility of abandoning Poughkeepsie and moving lock, stock and barrel across the Berkshires to New Haven.

As events now stand, we've heard more than one MIT male undergraduate observe that Harvard now has only one important thing that the Institute lacks—Radcliffe. Even the 'intimate if informal' relationship Time magazine claims both we and Harvard have with Wellesley does little to improve the week-day campus atmosphere.

Unfortunately, Cambridge is about the last place in the world to which any well-known girls' college would consider moving, no matter what the bait. This city just wouldn't welcome another educational institution. So a Yale type solution to our problem seems unlikely. Even more unlikely is the prospect of the Institute moving to some place like Wellesley Hills—no matter how much enthusiasm the male students would show for such a proposal.

This discussion doesn't intend to ignore our own co-eds. Co-eds are fine, as few as they are, but 50 co-eds in a class of 950 just isn't enough, no matter how much individual effort they put out.

One solution to the problem would be to increase the number of co-eds in each class, but it would take a girl to boy ratio of at least one to four to do much good. If you hold the male enrollment steady that would mean at least 220 co-eds per class. We seriously doubt that the Institute's present co-ed policy could attract 220 qualified female freshmen each year, even if we did have some place to house them.

Presently, far too many bright girls are attracted to schools like Radcliffe and Barnard which offer the advantages of a separately identifiable girls college coupled with a Harvard or Columbia degree. Academics aside, attending the Massachusetts Institute of Technology just doesn't seem to appeal to the feminine sensibilities of many bright female students. This attitude will undoubtedly persist even though the strong programs now offered in the humanities, the social sciences, and architecture and design will weaken our anti-feminine 'institute of technology' image. Just the name is enough to scare away most girls.

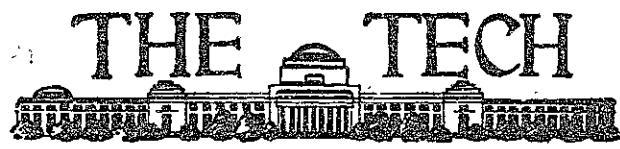
The only possible solution we see, and even we would hesitate to call it practi-

cal, is the endowment of a separate woman's college within the framework of the Institute. Such a college would function on the Radcliffe plan, offering few, if any, courses of its own, and awarding MIT degrees. However, it would have its own administrative and deans staffs and its own house system. It would also set its own admissions policies and modify Institute academic requirements to better suit its students.

If money were available, such a college could even have a small but unified campus. Bexely Hall is already scheduled for eventual demolition and the old Coop building could be torn down without much loss. Then if Ashdown House, the ugliest building on campus anyway, were made expendable by building a large enough Graduate Center, only two small brownstones would stand on an L-shaped stretch of campus starting on Memorial Drive at McCormick Hall and stretching along the drive and up Mass. Ave. This land coupled with McCormick would easily provide enough space for living groups and an administrative building.

Interestingly enough such a campus would focus on the chapel, thus providing the proper symbolic goal for those girls who might be attending our college for the purpose of catching an MIT husband. This could even be used as a recruiting pitch.

We firmly believe such an associated women's college is the best way to attract more bright girls to this campus. Unfortunately, there doesn't seem to be any wealthy exco-ed who is anxious to provide the many million dollar endowment that would make it feasible. Until someone appears who is willing to pay quite a bit for the privilege of having a women's college named after her, it looks like MIT will have to remain the place where the girls aren't.



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Front page photo of Student Center taken by Art Kalotkin

Letters to The Tech

Charter Flights

To the Editor:

I would like the chance to respond to Mr. Berbeco's letter in your recent issue. He raised the question: "Why, if charter flights were successful in the past, are they not being offered this year?"

First, let me explain the success of MIT charter flights in the past few years. The charters referred to by Mr. Berbeco were indeed successful and profitable, but were organized in a way that is expressly forbidden by the CAB and IATA. Last years flights, while providing a service to the

community, did little more than break even. It became evident from this that there were not enough students at MIT willing to spend 12 to 14 hours on the equivalent of a DC-6 to justify a charter. There are even fewer members of the faculty willing to undergo such an ordeal with their families.

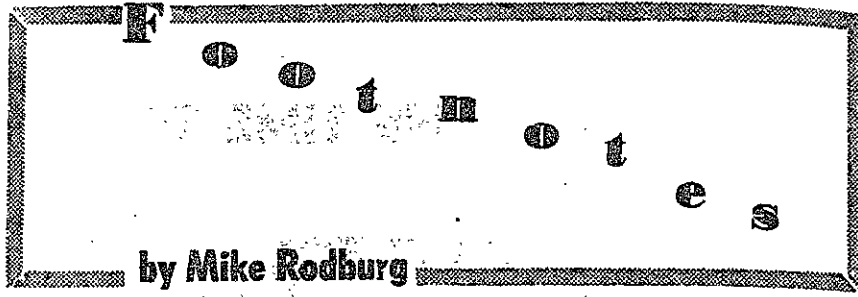
In choosing to operate group flights this summer, we are hoping to be of service to the whole MIT community, including faculty and staff. Group flights enable people to fly regularly-scheduled airlines, BOAC and Pan Am in

this case, and to enjoy the comfort and convenience of jet travel. Children travel at half-fare on a group flight, which is not true for a charter. In all, the dependability and desirability of a group flight far surpasses that of a charter.

In addition, the jet group fare this year of \$268 is less than the prop charter last year or the year before. I am sorry that Mr. Berbeco does not find our flight program suitable, and I hope he can find better arrangements.

Wayne Moore '68

Manager, Tech Travel Service



by Mike Rodburg

138. Like Mark Twain, who read his own obituary and concluded that "reports of his death were highly exaggerated," our own Tom Lehrer found himself the object of a search for habeas corpus. An astute Swedish newspaper noted that the sometime song satirist and sometime scholar had not appeared in the news much lately. The Associated Press called the Herald to see if rumors of his death were true. However, a phone call to Mr. Lehrer's home confirmed, instead that he was very much alive.

139. For those avid almanac fact seekers, this from page 471 of the just published 1967 Reader's Digest Almanac: MIT was the most popular school for boy college applicants from 1961-1963 and Stanford University the most popular among girl applicants.

Kibitzer

By Mark Bolotin

North		East	
♠ 8 4		♠ Q J 7 3 2	
♥ J 7		♥ 9 8 5 2	
♦ K 10 9 6 3		♦ 4	
♣ Q J 10 8		♣ 7 5 3	
West		South	
♠ A 10 6 5		♠ K 9	
♥ 4 3		♥ A K Q 10 6	
♦ Q J 5 2		♦ A 8 7	
♣ 9 4 2		♣ A K 6	

Bidding			
North	West	South	East
Pass	Pass	2 ♣	Pass
2 ♦	Pass	2 ♥	Pass
3 ♦	Pass	3 NT	Pass
4 NT	Pass	6 NT	Pass
Pass	Pass		

Opening lead: ♣2

In today's hand West was able to get a clear picture of declarer's hand early in the play. With this information he was able to deceive declarer and thus lead him into choosing the wrong play.

West's first problem was that of picking an opening lead. He immediately ruled out the diamond lead as too likely to give declarer both an extra trick and information on how to attack the diamond suit. A spade lead was also eliminated for fear of giving declarer his twelfth trick. He chose the relatively safe club lead rather than take a chance on finessing partner in hearts.

Hand apparent

When declarer won the opening lead in his hand with the Ace, the entire hand became apparent to West. Declarer had four club tricks; for, without the King, he would have played the Queen from dummy. South had two diamond tricks, because he could not have strong enough a hand without the Ace. Declarer also had five or six heart tricks, since any honors he was missing in the suit had to be onside.

The defense's only hope to set the contract was that South had only five hearts, that East held at least the spade Queen, and that West could convince declarer to finesse for the Ace of spades.

West's analysis of the hand soon proved correct as declarer crossed over to the Jack of hearts and back to his hand with the Ace to continue to run the suit. West saw that he would have to discard three times on the hearts and once more on the last club. In other words he would have to either unguard the diamonds or come down to a stiff Ace of spades. If South could read his hand correctly, he could then make either by running the diamonds or by ducking a spade, according to which suit West discards.

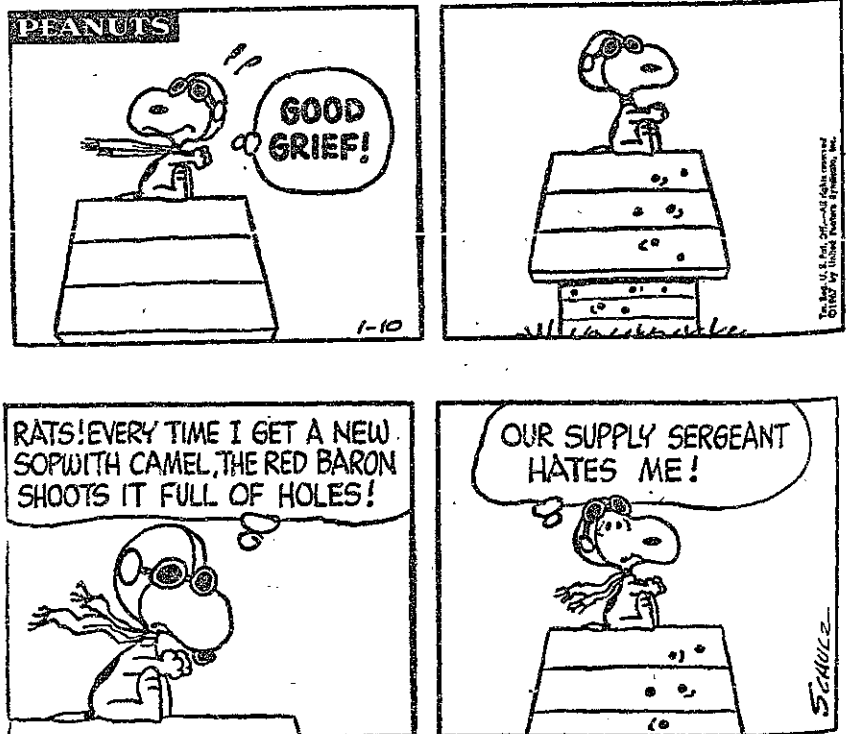
Discard 3 spades

West decided that he would first discard three spades and then throw a diamond. He hoped that this order of discards would convince declarer that he tried to hold onto his diamonds, but finally had to unguard the suit in order to protect his spade holding. Declarer proceeded to run the rest of his heart suit and the entire club suit, as East threw two spades.

The position was:

North		East	
♠ 8		♠ Q J 7	
♦ K 10 9		♦ 4	
West		South	
♠ A		♠ K 9	
♥ Q J 5		♥ A 8	

South fell for West's trap. He was convinced that West had to throw his third diamond in order to hold onto either Queen-Jack or Ace-small of spades. Not knowing whether or not the spade finesse is working, but assured that diamonds were splitting, South cashed the Ace and King of diamonds. When the suit failed to split, West claimed the last two tricks.



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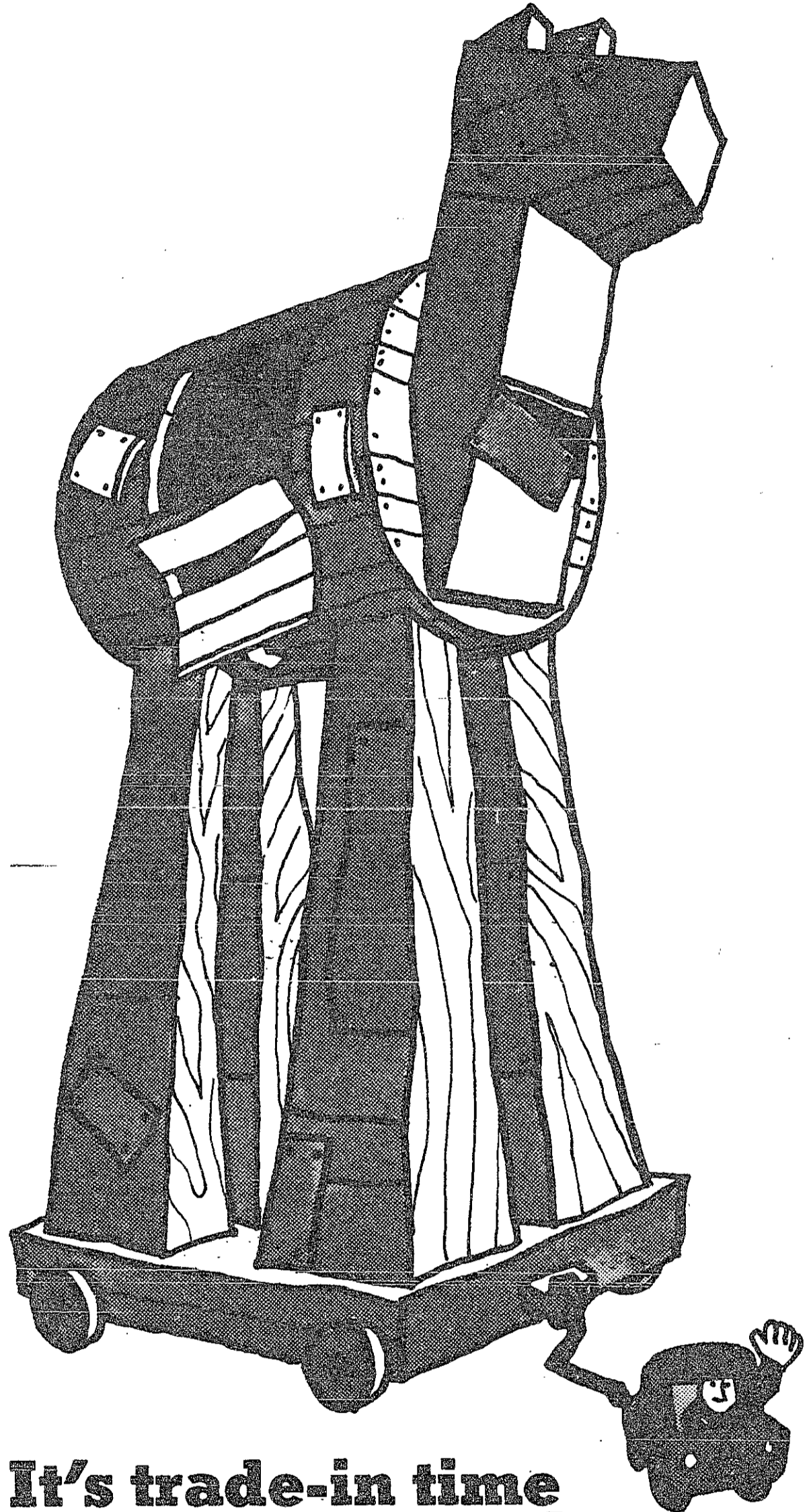
(Continued from Page 1) The Institute did not need to offer admission to quite so many applicants as before and could be slightly more selective in the admission process. Professor Gree-

ley attributes the increased yield at least in part to the more liberal financial aid program.

Remaining problems

The two largest problems currently confronting Mr. Frailey are finding more money to aid foreign students and keeping pace with

the 5% yearly increase in the overall cost of an MIT education which must be met partly through increased financial aid. The Student Aid Center's ultimate goal, of course, is to remove all financial considerations from a prospective student's college choice.



It's trade-in time for tired old myths.

Like the one about business. Especially big business. That it is beyond the rugged individualist's wildest daydream to enter this holy of holies because he'll lose something that's very sacred—like his independence.

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find new and better ways to make things that help people communicate is very rewarding and satisfying. Did you ever hear these wry words of Oliver Wendell Holmes? "Never trust a generality—even this one."

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Western Electric
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Season record, 1-4

WPI edges Tech skaters, 5-4

By Jon Steele

Thursday night, the MIT skaters lost to WPI here 5-4. The loss came as quite a disappointment to Coach Ben Martin and his squad, for they had beaten Worcester 4-1 in their last game just before vacation. During that game the team showed its best hustle all year and its prospects were looking brighter. It was not so Thursday night, however.

The Techmen started out fast as Clay Satow '68 scored with three minutes gone with an assist from Mike Harris '67. They held on to the lead for ten minutes, then Ray Racine slapped in two quick goals for WPI, the first on a break-away.

With three minutes gone in the second period Harris went out on a penalty for interference and Bob Johnson scored for WPI. Three minutes later Dick Drolet drilled in another Worcester goal. Behind 4-1 at this point, MIT began to skate hard and control the puck for the first time since the opening minutes. With two minutes left Bob Smith '67 scored with an assist from Satow.

The third period opened with a WPI player in the box for elbowing — Satow immediately took the puck down alone and scored on a tricky angle shot ten feet out to the left of the cage. With the score 4-3, Tech was coming on strong. They played even for

six minutes. Exhausted, Satow tried to leave the ice for a replacement, but confusion on the bench forced him to stay on. At the same time another forward skated off to be replaced. Meanwhile, WPI had five on three down in front and drove home the decisive score. After ten more minutes of lackadaisical play and inaccurate passing Tech rallied again; Bob Ptakun '68 scored with two minutes left, but the substitution blunder had cost them the game.

Squash team blanked by Williams; Wesleyan also triumphs easily

MIT's varsity squash team did not fare so well this weekend, for the racketmen fell twice, to Williams, 9-0, and to Wesleyan, 6-3. The squad's season record now stands at 1-5.

In the Williams match, which was played Friday evening, the Ephmen just outplayed the Beavers, winning four contests by 3-1 scores and the others by 3-0 tallies. Team captain 'Chye' Tantivit, '68, the number one man, topped his opponent, Bill Crane, in the first game, 15-8, but Crane came back to take the next three 15-12, 15-11, 15-9. Ken Wong '68,

the number two man, played well, but couldn't manage to win, as he too bowed, 15-9, 7-15, 15-11, 15-6. Eric Coe '67 playing in the number three slot won his first game, 15-12, but he injured his back and was forced to default after the third game.

Wesleyan Outplays Tech
Wesleyan played host to the Techmen for their Saturday afternoon match, and just managed to squeak by with a 6-3 victory. Both Chye Tantivit and Ken Wong, playing one and two respectively vanquished their opponents in three straight games. Geoff Hallock '69 also conquered his foe 3-0. Geoff, playing as the number nine man, won by the greatest margin, 15-1, 15-5, 15-8.

The matches which the Techmen lost were very close, as can be seen from the results of the Bill Klein '68 and Joe Ferreira '67 contests. Bill played five games before finally bowing, while Joe lost by slim margins of 11-15, 16-15, 17-15, 15-13.

How They Did

Swimming
MIT (V) 49, Williams 46

Hockey
WPI 5, MIT (V) 4

Basketball
MIT (V) 84, Bowdoin 59
MIT (V) 80, Bates 50
MIT (JV) 63, Stevens 52
MIT (F) 78, Bates 65

Squash
Williams 9, MIT (V) 0
Wesleyan 6, MIT (V) 3

Track
Columbia 62, MIT (V) 42
MIT (F) 44, Columbia 42

Fencing
MIT (V) 18, Trinity 9

Wrestling
MIT (V) 27, UConn 8
MIT (F) 17, UConn 16

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Making the Scene

S	M	T	W	T	F	S
		10	11	12	13	14
15	16	17	18	19	20	21
22	23					

MUSIC
Boston Symphony Orchestra—Gunter Schuller, guest conductor; Dvorak's Overture to "Othello," Op. 93; Schubert's Symphony No. 8 in B minor, Ives' Symphony No. 4; Jan. 10, 7:30 pm; Symphony Hall.
Boston Symphony Orchestra—open rehearsal, Rafael Kubelik, guest conductor; Haydn's "Symphony in B-flat major, No. 102," Martinu's "Double Concerto for Two String Orchestras," Piano and Timpani, Franck's "Symphony in D minor," Jan. 12, 7:30 pm; Jan. 13, 2 pm; Jan. 14, 8:30 pm; Symphony Hall.
Gardner Museum—Linda Phillips, soprano, Terry Decima, piano; Mozart's "Miserere, dove son," Wagner's "Wesendonck Lieder;" Jan. 10, 3 pm.
Gardner Museum—Myron Schwager, cello, William McKim, piano; Pergolesi's "Sonata in F major," Barber's "Sonata for cello and piano, Op. 6 (1932);" Jan. 14, 3 pm.

MIT—The Borodin String Quartet; Jan. 12, 8:15 pm; Kresge Auditorium.
MIT—Concert by Elliott Carter performed by the Lenox String Quartet; "String Quartet No. 2," "Eight Etudes and a Fantasy for Woodwinds," "Concerto for Harpsichord, Flute, Oboe and Cello;" Jan. 15, 3 pm; Kresge Auditorium; free.
New England Conservatory—New Events Ensemble; works of Ives, Cogan and Shapley; guest artist, Mildred Armstrong, soprano; Jan. 11, 8:30 pm.
New England Conservatory—The New England Youth Chamber Orchestra, Robert Bowden, conductor; Haydn's "Sinfonia Concertante," Shubert's "Fifth Symphony," Ibert's "Diversesent;" Jan. 15, 8:30 pm; Jordan Hall.
New England Conservatory—The New England Youth Singers, Lisa Frederick, conductor will present Bach "Cantata No. 142" with the Baroque Orchestra; Jan. 15, 3 pm; Jordan Hall; \$1.


MISCELLANEOUS
MIT—Sir John Gielgud and Miss Irene Worth offer a pre-Broadway presentation of "Men and Women of Shakespeare;" Jan. 17, 8:30; Kresge Auditorium; \$2.



On Campus with Max Shulman
(By the author of "Rally Round the Flag, Boys!", "Dobie Gillis," etc.)

IT'S A NORTH WIND THAT BLOWS NO GOOD
Crushed between the twin millstones of January weather and final exams, you are saved from total despair, poor devils, only by the knowledge that winter vacation will soon be here.
Where will you go this year? Will it be Florida again, or are you tired of jails? Then how about Puerto Rico? A most excellent notion, say I. A balmy and bounteous island with long white beaches and blue, blue skies and green, healing seas. And, most pleasant of all, the warm and gracious people of Puerto Rico! You don't even have to know Spanish to communicate with this friendly folk. Just learn three simple phrases and you'll get along splendidly: "Buenos dias" which means "Good morning," "Gracias" which means "Thank you," and "Que sera sera" which means "Your llama is on my foot."
In order to help you enjoy the fabled land of Puerto Rico it would be well for me to supply a bit of historical background. (It would also be well for me to say a few words about Personna Super Stainless Steel Blades because the makers of Personna Super Stainless Steel Blades pay me to write this column and they are inclined to sulk if I omit to mention their product. Of course, they don't stay gloomy long, for they are kindly, cheery men fond of Morris dancing, spelling bees, and temperance punch—fine, upright types, as true and gleaming and durable as the blades they make. And if you've tried Personna's, you know how true and gleaming and durable that is! And if you haven't tried Personna's, poor devil, you've cheated both your purse and face, for Personna's last and last, shave after luxury shave, close, clean, nickless, hackless, tugless, gougeless, scratchless, matchless. Personna Super Stainless Steel Blades come in Double Edge or Injector style and are made only by the makers of Personna Super Stainless Steel Blades.)
But I digress. Back to the history of Puerto Rico. The island was discovered by that popular discoverer Christopher Columbus. Incidentally, considering Columbus' popularity, it's odd we know so little about him. What do we really know? Only this:
He was born in Genoa on August 25, 1451, the son of Ralph T. Columbus, a knee-cymbal vendor, and Eleanor (Swiftly) Columbus, a low hurdler. He was an only child except for his five brothers and eight sisters. From early childhood he was an avid reader and spent all his waking hours immersed in a book. Unfortunately, there was only one book in Genoa at the time—*Care of the Horse* by Aristotle—and after 18 years of reading *Care of the Horse*, Columbus grew restless. When rumor reached him there was another book in Madrid, off he ran as fast as his little fat legs would carry him.
Disappointment, alas, awaited him there. The only book in Madrid was *Cuidar um Caballo*, which proved to be nothing more than a Spanish translation of *Care of the Horse*.
Then one day Columbus heard from a traveller that there were millions of books in India, and he was instantly ablaze to set sail. Off he ran on his little fat legs to the court of Ferdinand and Isabella (Columbus, though more than six feet tall, was plagued with little fat legs all his life) and, as we all know, he persuaded the Spanish rulers to outfit him with three stout ships, the *Flopsy*, the *Mopsy*, and the *Cottontail*, and the rest is history!

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(If you happen to make it to Vermont over Intercession, stop in for a cup of hot coffee. We'd enjoy talking to you.)

Tech fencers stop Trinity, 18-9; twelve bouts go to final point

MIT's fencers humbled a fine Trinity team Saturday, 18-9. The final score makes it look as if MIT had an easy time. They didn't; twelve bouts proceeded to 44 and were decided by the final point. Of these twelve close matches MIT won nine.

Frank Carroll '69, winning all three of his bouts, led the sabre team to a 6-3 victory. Curt Marx '68 came back after losing his first bout 5-1 to win his other two bouts. Bob Fall '67 accounted for

the other sabre point. Bob Angelica won two sabre bouts for Trinity.

Burt Rothberg '68 and Leonard Zucker '67 were undefeated as the foil team won 7-2. George Churnoff '67 was 2-1 for the meet. Tom Loberg secured the only two points in foil for Trinity.

The Tech epee team just edged Trinity 5-4. Tom Lamb '69 contributed two victories as he went undefeated in the meet.

Frosh sports

Cagers rip Bates, 78-65

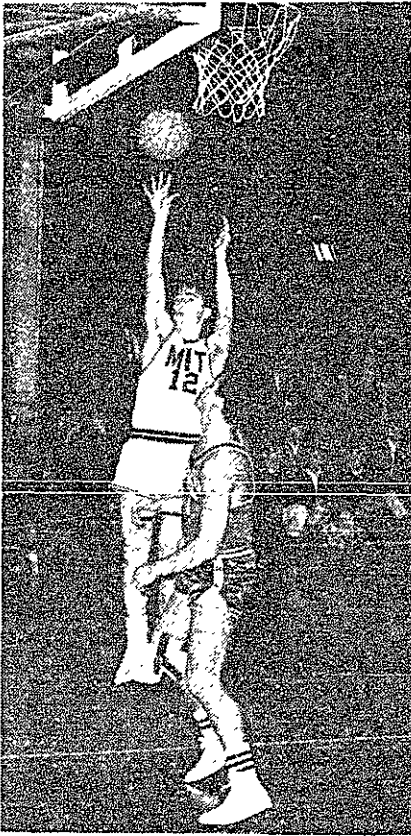


Photo by Jeff Reynolds
Bruce Wheeler goes up for a short jumper in the freshman basketball game against Bates.

The engineers used their pattern offense effectively and scored many of their points on driving layups. Bates controlled the boards, however, enabling them to keep pace, and the halftime score was MIT 35, Bates 34.

As the second half opened, Tech scored 10 quick points, and from then on the final outcome was never in doubt. The second team replaced the starters with about 5 minutes left to play. John Vliet paced the engineers scoring 19 points. Bruce Wheeler followed with 15, while Steve Chamberlain and Nick Mumford each tallied 11. Bob Wegler saw limited action due to a hand injury, but still managed to pop in 9 points.

New Hampshire will be the next opponent of the frosh quintet. The game will be played as a preliminary to the varsity game tonight. Starting time for the frosh is 6:15, while the varsity contest is scheduled for 8:15.

Racketmen win opener

In the initial match of the season, the squash team smashed Wesleyan, 9-0. Captain Bob McKinley, first man, set the winning example by besting his opponent 3-1. Victories by Terry Champlin, Manny Weiss, Chris Mar, Rod Walker, Bob Armstrong, Ken Gilbert, Irv Asher, and Skip Perkins completed the slaughter. Only Armstrong required the maximum number of games for his victory, while Weiss, Mar and Walker won handily, 3-0. Remarkably, only three Techmen, Champlin, Mar,

Tech freshmen greeted the New Year with ferociousness as all four of the competing teams humbled their opponents.

The hoopsters grabbed an early lead in their game with Bates, Saturday, and were never overtaken. Bates was hard pressed in the first half due to the aggressive ball hawking of guards Bruce Wheeler and Steve Chamberlain.

and Walker, played squash before coming to MIT.

Grapplers edge UConn

Big Fred Andre pulled the frosh wrestlers from the brink of defeat by gaining a decision in the unlimited division in Saturday's match against the University of Connecticut. Andree, undefeated in four tries, entered his match with the engineers behind, 16-14. He completely overwhelmed his heavier opponent and gained a 17-16 victory for MIT.

Walt Price, the other half of the fearsome Tech heavyweight two-some, kept his record unblemished by throttling his opposition. Joe Baron, 123 lb., Paul McKleary, 130 lb., and Rick Willoughby, 160 lb., also proved to be best in their event. Willoughby, however, was the only engineer to win by a pin.

Trackmen nip Bates

In one of the closest of the four contests, the cindermen nipped Bates, 44-42. The high hurdling trio of Henry Hall, Dave Covert, and Jim Lyneis swept their event for an early Tech lead.

Indefatigable Ben Wilson performed as usual and gain won both the mile and two mile races. His time in the mile was approximately five seconds faster than that of the mile in the varsity meet. John Owens took first place in the 1000 yd. run while in the 50 yd. dash, Larry Kelly, Joel Hemmelstein, and two Bates runners had a near blanket finish. Kelly was judged first, while Hemmelstein drew fourth.

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Tuesday, January 10
Basketball (F) — Harvard, Away, 7:30 pm
Squash (V) — Harvard, home, 7 pm
Squash (F) — Harvard, away, 4:30 pm

Wednesday, January 11
Basketball (JV) — Wentworth, home, 7:30 pm
Swimming (F) — Phillips Exeter, away, 4 pm
Squash (F) — Phillips Exeter, home, 3 pm

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Davies gets 3rd pin

Wrestlers down UConn; face Wesleyan Saturday

By Arm Varteressian

The grapplers' extended their season mark to 3 wins against one loss as they defeated a team from the University of Connecticut last Saturday at Storrs, 27-8.

UConn drew first blood when Ed Tripp '67 lost the 123-pound match to Laird Richmond, 7-0. The only other UConn score was in the 160-pound contest when Tom Zito pinned Julian Schroeder '69 with 30 seconds remaining in the second period.

Wu Extends String

After Gregg Erickson '69 took a forfeit victory at 130 pounds, Jack Wu '68 ran his string to three victories and no losses with a 9-4 victory over Gerald Robbins. Jack Maxhan '69, also undefeated so far this year, brought his mark to 3-0-1 with an 8-0 decision over Bill Tolhurst. At 152 pounds, John Fishback '68 needed only 18 seconds of the second period to pin Dennis Hampton and put MIT in front 16-3.

Davies, Schramm Also Win

At 167 pounds, Hank DeJong '67 won a 3-1 decision from Tom Connery to put the meet out of UConn's reach, 19-8. Keith Davies '69 came through with his third pin in as many matches as he put Pete Brick to the mat in 6:17 of the 177-lb. contest. At heavyweight, captain Dave Schramm '67 scored his fourth victory of the season as he easily defeated UConn's Vic Kinon, 7-0.

Face Wesleyan Saturday

MIT now owns a total 5-0 record against the University of Con-

necticut, having won every meet since the competition began in 1962. However, the Engineers face a much more formidable opponent Saturday when they take on the Wesleyan squad in a home meet. The overall record in the MIT-Wesleyan series gives the edge to Wesleyan, with 18 wins against three losses and a tie in the rivalry which began in 1938. The varsity matches will start at 3:30.

After Wesleyan, Tech takes on WPI before the tough quadrangular meet with Amherst, Franklin & Marshall, and Springfield. Although Tech is 4-0 against WPI, the combined record against the three teams MIT will face in the Quadrangular is 13-14-1, making the Quad one of the team's biggest challenges of the year.

JV hoopsters romp past Stevens; face Wentworth tomorrow night

By Steve Weiner

In a game that saw the score reading 4-4 after seven and a half minutes of play, the J.V. basketball team handed Stevens Business College a 63-52 defeat.

The opening of the game witnessed sloppy play and missed shots by both sides. Greg Jerrell '67, Steve Douglas '67, and Dan Green '68 controlled the defensive boards but had trouble hitting from inside. At 13:40 Bob Listfield '69 entered the game and sparked Tech to a 26-17 bulge near the end of the half.

Dan Green also caught a hot hand, bombing twice from the sideline. Three fast break layups by Jerrell, two short jumpers by Douglas, and swishes from the key by Bill Stewart '69 and Steve DeRodeff '68 helped raise the half time count to 30-25.

The two teams traded outside shots and miscues for much of the second half. For Tech, DeRodeff opened up the period with a driving underhand layup. Jerrell, Green, and Ross Hunter '69 followed with buckets from underneath. Short bank shots by Listfield and Jerrell gave Tech a 45-39 advantage with 6:00 left.

After Douglas, Jerrell, and DeRodeff increased the margin to 11, Stevens narrowed the gap to 55-50 before Green hit twice from underneath, giving the hosts a 63-52 triumph.

Bates also falls

Tech five top Bowdoin

By John Kopolow

The varsity cagers put on a display of basketball power over the week-end which their victims, Bowdoin and Bates, will not soon forget. Both victories were by 25 point margins and both reflected MIT's stingy defense which has given up just 166 points in the last three games.

The Beavers' 84-59 trouncing of Bowdoin on Friday delighted the MIT fans who witnessed their heroes in white overwhelm Polar Bears, who last month on their home court somehow managed to send Tech into overtime before finally bowing 81-71. It was a game which the players could also enjoy, as Coach Barry was able to give both reserve units a good deal of playing time.

For all but the first four minutes Bowdoin was without the services of sharpshooting guard Bob Patterson who apparently suffered a shoulder separation. But MIT already led 10-5 at this point, and his presence would, no doubt, have made little difference. In the first half the Beavers worked the ball into Alex Wilson '67, who was able to maneuver for frequent scores and 13 first half points. Dave Jansson's 14 markers, however, led Tech to a 41-24 lead at the intermission.

Subs play well

When the first-line quintet built up a 70-40 bulge in the first ten minutes of the second stanza, Coach Barry went to his second squad consisting of seniors Greg Jerrell and Roy Talus and juniors Alec Bash, Steve Derodeff, and

Swimmers edge Williams, 49-46

By Jeff Goodman

Tech swimmers dealt Williams its first defeat in the forty year competition between the two schools, 49-46 Saturday at Alumni Pool in a meet marked by one MIT varsity record broken and one tied.

Strategy played an important part in the engineers' victory as Coach Charlie Batterman did not use his best swimmers in the medley relay. He saved such swimmers as John McFarren '68 who later won the 50 yard freestyle, placed second in the 100 free, and backed up the final relay which won the meet.

Dilley ties record

In the 200 yard freestyle, Lee Dilley '69 sliced through the water in 1:54.9 to tie McFarren's existing record set last year. Williams took second and third. McFarren and Mike Crane '67 slammed Williams in the 50 free with Mc-

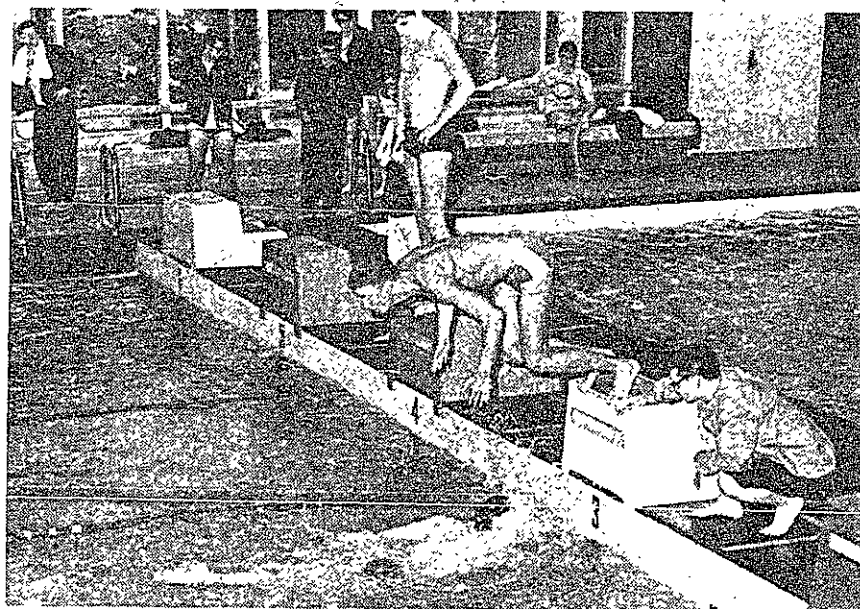


Photo by John Roderick
Bill Stage '69 gets off to a good start in the final relay against Williams, Saturday, as John McFarren '68 hits the wall. At this point, the mermen were leading by 25 yards on their way to breaking the varsity record and winning the meet.

Farren recording the best time of 500 yard freestyle by almost 25 yards.

The score after the third event was MIT 13, Williams 12. This was the only time during the meet in which Tech led until the finish. Ephman Dick Williams won the 200 IM in 2:11.7 with Luis Clare '69 right behind in second place.

Gentry Beaten

In the diving, Dan Gentry '68 and Pete Amstutz '67 finished second and third behind Bill Gardner, last year's New England diving champion. Dilley and Rich Dorman '69 finished two-three in the 200 fly. Williams beat Clare Farren, and Stage trounced Williams' relay in 3:26.2 to win the meet 49-46.

Preston Struggles To Win

Williams now led Tech 42-37. To keep alive for the relay, MIT needed a first in the 200 yard breaststroke. Larry Preston raced neck-and-neck for seven laps with both Williams swimmers. In a tremendous final spurt, Preston pulled ahead to win while recording his best time of the year at 2:29.6.

The stage was now set for the final deciding event, the 400 free-style relay. Breaking the MIT varsity record Dilley, Crane, McFarren, and Stage trounced Williams' relay in 3:26.2 to win the meet 49-46.

Columbia downs trackmen; fourth straight loss for Tech

By Jim Yankaskas

Coach Art Farnham's indoor track team suffered its fourth defeat of the season on Saturday, bowing to Columbia, 62-42. The engineers suffered as usual in the

hurdles, the sprint, and the relay.

Steve Sydoriak '68 and Bob Karman '67 remained undefeated in the pole vault and the 1000 yard run respectively. Sydoriak cleared 13-6 in the pole vault and was followed by Jim Reid '68 in second place. Karman's time in the 1000 was 2:24. Tom Najarian '69 placed third in the race.

MIT took three other firsts in the meet, all in the field events. The 35 lb. weight throw was swept by the engineers with Gordon DeWitte '67 in first place and Dave Osborne '67 and Art Von-Waldburg '67 also scoring. Von-Galdburg won the high jump at 5-10 and was followed by Dave Ogrzydziak who placed second.

Greg Wheeler '67 won the long jump with 20-8. He has been defeated only once in that event, at Bowdoin. Kjell Karlsrud '68 placed third in that event to round out the scoring in the field events.

The Techmen made an exceptionally poor showing in the track events, scoring only four thirds outside of the 1000.

chipped in with 11 apiece, and Ray Ferrara '67 shot well for 8 points.

Bates easy victim

The following evening the Beavers went up against Bates, and when their one time man-to-man, next time zone defense didn't allow the visitors a field goal for the first 7 minutes and 25 seconds, the previous night's game began to look like a cliff-hanger. With Hardt controlling the boards and blocking numerous shots, Tech rolled to a 20-8 lead. But Bates pulled itself together and delayed the onslaught until the second half, which they began trailing by nine, 37-28.

Alex Wilson took command in the second half. Of MIT's first 11 buckets after intermission the 6'5" senior scored 5 and had assists on 5 others. As the Beavers pulled away to a 67-39 lead, the reserve forces were called upon again, and they preserved the 80-55 triumph.

Of course, MIT dominated the statistics. While Bates could bring down only 33 rebounds, Tech grabbed 72 which included 20 for Hardt, 17 for Wilson and 11 for Jansson. The big factor was that MIT attempted 81 shots from the floor, hitting 33, whereas Bates could fire only 57 times, making 18. The visitors' 31.6% accuracy is an indication of how few high percentage shots the Beavers allowed them. The Big Three of Wilson, Jansson and Hardt again topped MIT scorers with 25, 20, and 13 respectively, while Talus added 7.

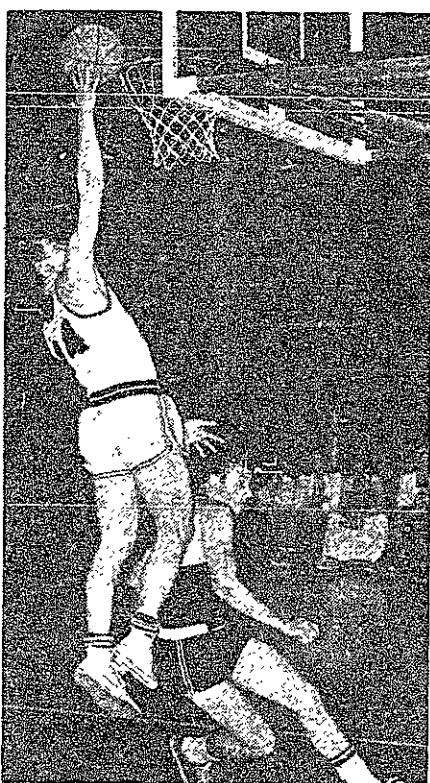


Photo by John Roderick
Bob Ferrara '67 scores on a fast-break layup against Bowdoin, Friday. The cagers whipped Bowdoin and Bates this weekend.

Dan Green. After they had outplayed the visitors, 8 points to 3 in five minutes, Barry had seen enough and called on Steve Douglas '67 and sophomores Ross Hunter, Bob Listfield, Bill Stewart, and Don Lapenas.

The five battled Bowdoin's full-court press to a standstill while Lapenas picked up the scoring slack with six markers. Jansson and Wilson led the scorers with 19 and 18, respectively. Bash and Bob Hardt '67

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Basketball finals set for February in IM competition

By Herb Finger

Playoffs in all three brackets of the IM Basketball tournament will begin Wednesday and Thursday February 8 and 9. This has been done to alleviate the pressures of the last week in the term. Complete schedules and standings will be forthcoming. First round schedules will be published in Friday's issue.

Sunday, once-beaten Sigma Alpha Epsilon closed out its regular season with a 65-48 win over fourth place NRSA. After jumping out to a quick 12-0 lead in the first period, the SAElons increased the final spread to 17 points.

The SAE's relied on their familiar wide open, fast-moving offense to remain 9 points up at the half 33-24. Denny Matthies '68 popped 18 points for the victors to lead the SAE charge. Fred Souk '67 and Don Paul '67 netted 12 and 11 respectively. Jack Cleary '68 was high man for the losers with 18 followed closely by George Swift '69 with 16.

SAE Skaters Remain Unbeaten

On the hockey scene Sigma Alpha Epsilon kept the record clear with a 9-4 victory over DU Thursday. Steve Queeney '67 scored a hat-trick while Dick Sidell '65 scored 6 points on 2 goals and 4 assists.

Stu Johnson netted 2 goals for the losers while Rick Gostyla '67 and Bob Busby '70 each got one.

Hockey Standings:

"A" League					
Team	W	L	T	Pts	GF/GA
ZET	3	0	0	6	22/11
SAE	2	0	0	4	11/11
Burton	2	2	0	4	11/11
Theta Chi	2	2	0	4	11/11
NRSA	1	2	0	2	11/11
LXA	1	1	1	3	11/11
DU	0	3	0	0	11/11
Sig Ep	0	3	0	0	11/11
Delts	0	4	0	0	11/11

"B" League					
Team	W	L	T	Pts	GF/GA
AEPi	3	0	0	6	11/11
Sen. House	3	0	0	6	11/11
Ashdown	2	1	0	4	11/11
Sigma Chi	2	1	1	5	11/11
SAM	1	1	1	3	11/11
Chi Phi	1	1	1	3	11/11
Phi	0	1	1	1	11/11
PKT	0	1	0	0	11/11
Burton	0	3	0	0	11/11