

The Tech



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VOL. LXXVIII NO. 52

CAMBRIDGE, MASSACHUSETTS, FRIDAY, JANUARY 9, 1959

5 CENTS

Newton Commentary On Alchemy Gift To The MIT Libraries

Brrrrrrrrrr

Dr. Sidney M. Edelstein, an alumnus of the Class of 1922, presented an original manuscript by Sir Isaac Newton to the Massachusetts Institute of Technology in December. The document by the famous 17th Century scientist will be used in studies of the history of science and technology.

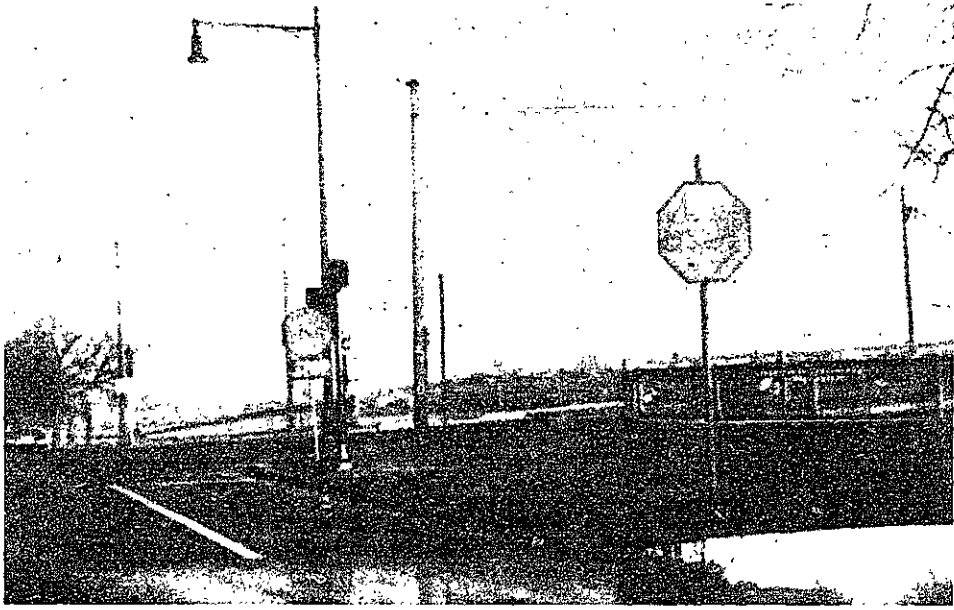
The manuscript is a 61-page, 15,000-word commentary and translation of a book by Nicholas Flamel, a 14th century alchemist who claimed to have succeeded in manufacturing gold and silver out of mercury. Flamel's work was based on an ancient book by a Jewish scholar which gave directions for the preparation of the philosopher's stone, the compound alchemists believed would transmute the metals.

Dr. Edelstein, president of the Dexter Chemical Company, has an impressive collection of early books and manuscripts on alchemy, a subject in which he has been interested since his college days.

Dr. William Locke, director of libraries at MIT, expressed delight in receiving the document as it is the only original work by Newton in the Tech collection. In addition, this translation of Flamel's book, besides being written by such a famous personage as Newton, has never been published. Dr. Locke said that it could prove extremely useful to scholars of the 17th Century as it expresses Newton's views on science outside his own realm of physics.

ALIEN REGISTRATION

An Act of Congress requires that all aliens in the United States shall report their addresses during the month of January. An Address Report Card may be secured from any U. S. Post Office or Immigration Office. The card must be filled out and returned to the stated places.



Even that most-hardy of all creatures, the MIT hitch-hiker, could not stand the cold wave. Many "regulars" chose to brave the walk, rather than to endure the numbing cold while waiting for the infrequent compassionate driver.

The coldwave which swept over the East early this week brought humor and mild protests at MIT—but tragedy at two other colleges.

Indirectly caused by the frigid weather and high winds, a fire in Syracuse, New York, raced through a barracks-dormitory at Syracuse University, killing seven students and sending many others outside into the five degree cold. At Williams College in Williamstown, Massachusetts, the Dekes were forced to flee when a \$100,000 fire destroyed their fraternity house.

Meanwhile, at MIT the students, perhaps not realizing how lucky they were, were complaining bitterly. While the protests of those walking outside rang loud and clear through the chill air, the cries of those inside the dorms and fraternities will probably ring the longest. The lack of sufficient heating facilities and insulation in the living units, though long suspected, became distinctly evident as students sat at their desks, muffled by many layers of shirts, sweaters, and parkas, a definite dis-

(Continued on page 5)

Emphasize Science, Research In Technology, Concludes MIT Prof.

Americans' pride in their technological achievements has exceeded their understanding of how they came about, Dr. John B. Rae, associate professor of history at MIT, and historians recently at a meeting of the American Association for the Advancement of Science. He said that knowledge of technological aspects of our history has been too fragmentary to enable us to understand fully the evolution of American civilization.

When the United States was an undeveloped country, he pointed out, there was no "fairy godmother dispensing largesse in the form of economic aid or technical assistance". The folk-heroes of American technology, consequently, are "Edisons and Fords, men with a minimum of formal training, dedicated to cut-and-try and lacking in scientific background and inclined to be scornful of the scientific method."

One consequence," he continued, is that to the end of the 19th century the relationship between science and technology was somewhat casual. This attitude has been modified, but "the emphasis on the practical still dominates American thinking. While we can concede that we have unduly neglected 'pure' or 'basic' research in the past and now need to give it more vigorous encouragement," Professor Rae reminded, we must not follow that the American basis on the practical has been wrong. The technique of application

may, in itself, be more significantly creative than the original idea or invention."

He continued, "We must give more attention to the role of technology in the growth and organization of industry. Our failure to do so in the past has resulted in misconceptions and distortions, particularly in the area of big business. The predominant attitude is still suspicious of business." Without a view of the technological factor, it is impossible to get a full picture of American business growth and character," he concluded.

Multiple Winners In Chess Club Tourney

The MIT Chess Club has announced the final results of its recent all-Institute chess tournament. A first place tie went to Larry Wagner '60 and to Carl Wagner '61. Andrew Browder (grad) finished third and Martin Silverstein '61, fourth.

Next on the club's agenda is a 20-game match with the Boston high school all-star team, scheduled for sometime in February. Anyone interested in participating may come to a Chess Club meeting or call Larry Wagner, Baker 215.

Regular Chess Club meetings are held Wednesdays at 5:00 p.m. in room 1-134.

Thirty-Seven Receive Recognition Through Initiation In Tau Beta Pi

The Massachusetts Beta Chapter of Tau Beta Pi, national engineering fraternity, initiated thirty-seven MIT students at a dinner-dance held December 13. Tau Beta Pi is the most well-known engineering society and is analogous to the liberal arts honorary society, Phi Beta Kappa.

Organized in 1885 as an honor society for those taking engineering courses, Tau Beta Pi serves the school community as well as acting as an incentive for industriousness. Seniors in the upper one-fifth of their class are eligible and are selected on the basis of scholarship, character, and promise in the engineering profession. This year MIT seniors were selected. The honor juniors must be in the upper one-eighth of their class as well as meeting the character requirements of exemplary conduct and unselfish service. At the December meeting, four MIT juniors were deemed worthy as examples of their chosen field. Tau Beta Pi candidates must be in any of the engineering courses and meet the scholarship and character requirements. The following future engineers were honored:

Seniors

Emil Battat	James G. Poor
Richard J. Briggs	Carlos Quinones-Lopez
Frederick K. Browland	Adrian R. Reti
Paul S. Brown	Aaron E. Rosenberg
Dietrich W. Brunner	Edward M. Safraim

Juniors

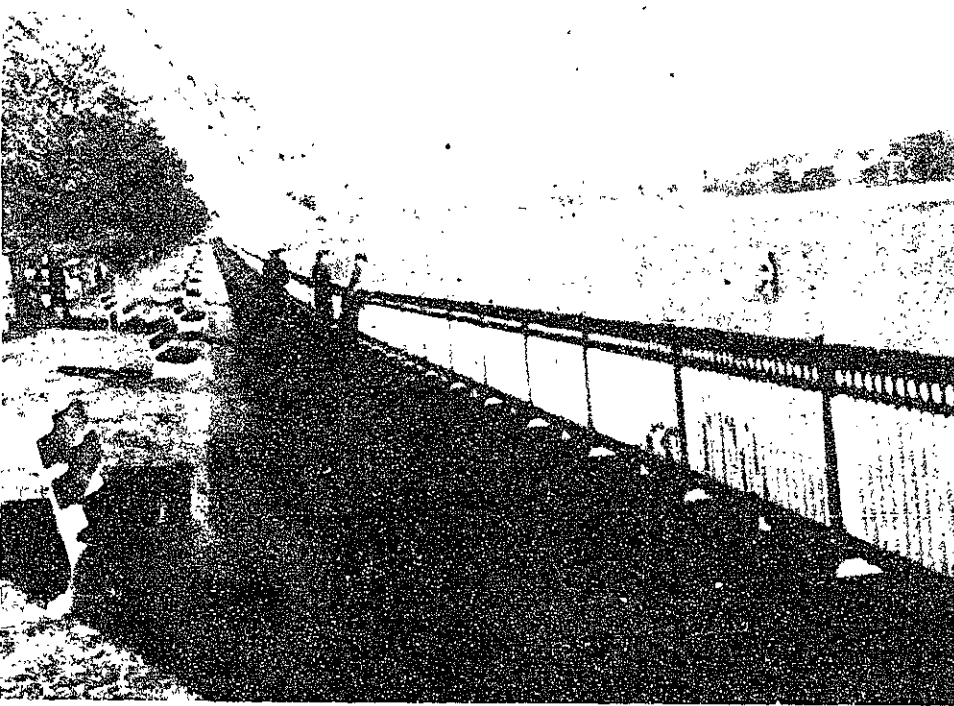
Colin Clive	Richard H. Oeler
Richard E. Kaplan	Craig D. Sawyer

The celebration dinner and dance was held at the Town House Restaurant for the new members, the faculty, Tau Beta Pi brothers and their guests. Prof. J. P. Den Hartog gave a resume of his trip from Turkey to Japan, accompanied with slides taken on the journey. George Bienkowski, president of the Massachusetts Beta Chapter acted as Master of Ceremonies.

The local chapter of Tau Beta Pi, in addition to honoring scholastic merit, has carried out many service projects for the MIT community. Plans are being made now for cooperation with the MIT Educational Council which is composed of alumni who interview prospective MIT students. Tentative plans are that the society will help maintain contact between the

(Continued on page 5)

Triumph, then . . .



The scene is the Charles and the sidewalk alongside. The blurs on the ice are two MIT students. The sinister, black blur on the sidewalk is a gendarme. The blurs on the ice are elated, as they have just broken the law by, literally, walking across the river. The blur on the sidewalk is elated at having noticed them. Triumph, then . . .

Course XVI Hints at Future In Added Astronautics Title

MIT's Department of Aeronautical Engineering has officially become the Department of Aeronautics and Astronautics, C. Richard Soderberg, Dean of the School of Engineering, announced last Monday. Charles S. Draper '28, professor of aeronautical engineering, will continue to head the department.

"The change in name," according to Dr. Draper, "is like the very top of an iceberg; much more lies below and is yet to be seen." The trend in the department is away from the drawing boards because basic science seems to be the future master of outer space. New buildings will rise to house the expanding department and plans are now well under way.

One of the first big steps by the department will be the sponsoring of

a seminar series dealing with man's problems in outer space. H. Guyford Stever, professor of aeronautical engineering, will direct the seminars, which will attract the nation's top experts as speakers.

"MIT must educate men who are prepared not only to design and build the craft that we conceive of today, but to engineer new types of flight vehicles which at this time we can only imagine," Dr. Draper said.

MIT has been a pioneer in aeronautics. As early as 1896 a wind tunnel was built here for the study of wind pressures. It boasted a 20-mph capacity. In contrast, the present hypersonic wind tunnel at MIT's Naval Supersonic Laboratory is capable of airflows at mach 8 (3,100 mph at 2,000 degrees).

Glider experiments were conducted here during the early days of aviation, and in 1913 the Institute's first formal course in aeronautical engineering was offered. By 1926 these beginnings had developed into a full, four-year program.

The department now offers a range of 50 aeronautical subjects, including a course in orbital vehicles. Sponsored research has kept faculty members in close touch with the latest developments in the field. The department's Instrumentation Lab, for instance, directs efforts of 900 in the field of inertial guidance and missile systems. Its latest accomplishment is development of the guidance system for the Navy's Polaris undersea launched missile.

Some of the world's outstanding aviation personalities have been graduates of the department. Donald W.

(Continued on page 5)

MIT Alumni Confab Set For Detroit; Dr. Stratton Will Speak

Leading a delegation of MIT personalities, Dr. Julius A. Stratton will speak in Detroit Saturday, January 31, at a regional conference of MIT alumni and leaders in science, engineering and education. The theme of the conference, the second to be held in Detroit, will be "Science, Engineering and Education."

Dr. Stratton's first address in the Midwest as President of MIT will be "Universities—A Key to Technological Leadership." He will speak at the dinner concluding the day-long meeting.

The Detroit Conference will be the first this year in a series of meetings to be held in centers of scientific and technological research throughout the nation. The conferences, planned for Los Angeles, Chicago, Washington, and other major cities, are intended to acquaint business and industrial leaders with recent development and trends at MIT.

Prof. H. Guyford Stever, vice president of the Institute of Aeronautical Sciences, will speak on "Engineering Problems of Space Flight". The former chairman of the Committee of Space Technology of the National Advisory Committee for Aeronautics will also acquaint those present with the recently-organized Department of Aeronautics and Astronautics here.

Dr. Carl F. J. Overhage, director of the MIT Lincoln Laboratory, will speak on "Air Defense in the Space Age". Dr. Overhage was previously head of Lincoln Lab's Aircraft Control and Warning Division, and is well-known for his contributions to

(Continued on page 5)

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half notes

Baton Society has all but sold out its "Evening with Ella Fitzgerald" next Friday night at Kresge. For those of you who like jazz, this concert is a must. For those of you who don't like jazz, this concert could be a delightful initiation. And this is to be Ella's only Boston appearance on her winter tour of the country.

The supporting cast looks mighty good, too. Pianist Lon Levy was formerly with Woody Herman, guitarist Herb Ellis of the Oscar Peterson Trio, Wilfrid Middlebrooks, bass, formerly of Count Basie fame. The program will feature selections by Cole Porter, Rodgers and Hart, and Irving Berlin, as well as current hits and a healthy sprinkling of folk.

There are a few—but not many—tickets left for the concert. Either visit Baton Society's booth in Building 10 or contact 2902.

QUARTER NOTES:

Night after Ella, MIT Symphony is giving a free concert. For those of you who like classical, this concert is a must. For those of you who don't like classical, this concert is the most. They are doing the "Firebird" by Stravinsky. More about this next week. . . . Night before Ella, Humanities Series presents I Musici in Kresge. It's an Italian Chamber Orchestra.

—Mote Achter

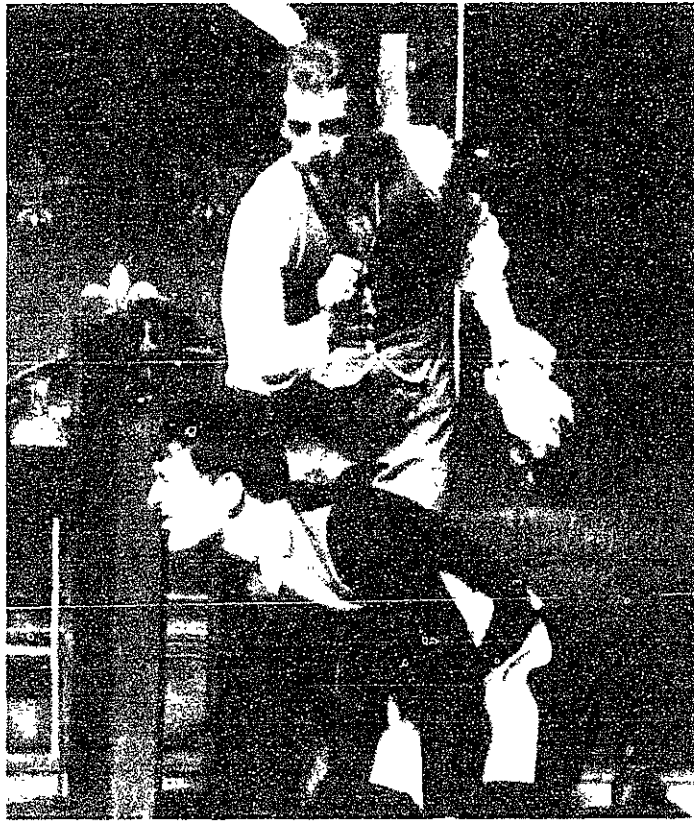
reviews

The Charles Playhouse

In 1958 a group of idealists headed by Frank Sugrue decided to start a new playhouse, with the very ambitious purpose of instituting an "off-Broadway" theatre in Boston. An "off-Broadway" type of theatre has a characteristic freedom in the choice of its plays and also a certain care in this same choice in order to avoid financial disasters. All those who have visited the little house at the top of Charles Street will surely remember the little house at the top of Charles Street, the insistence of refinement and non-sophistication of the house itself, the layout of the arena stage, but most of all, the excellence in the choice of the plays, such as "No Exit" by Sartre, "A View from the Bridge" by Miller, and the ex-

cellence of the whole company. But the old Charles Street group doesn't exist any more: in its place, at 76 Warrenton Street, a new group, now called the Charles Playhouse has been formed, in a modern theatre, formerly a Scotch Presbyterian Church. The very good quality of last year's shows and the success of this year's first production, the difficult O'Neil's "The Iceman Cometh", draw our curiosity and we called Fran Mahoney, the publicity director, to know more about a group of young people, most of them still in college, but certainly doing a good job in bringing to the Boston audience the best in contemporary plays.

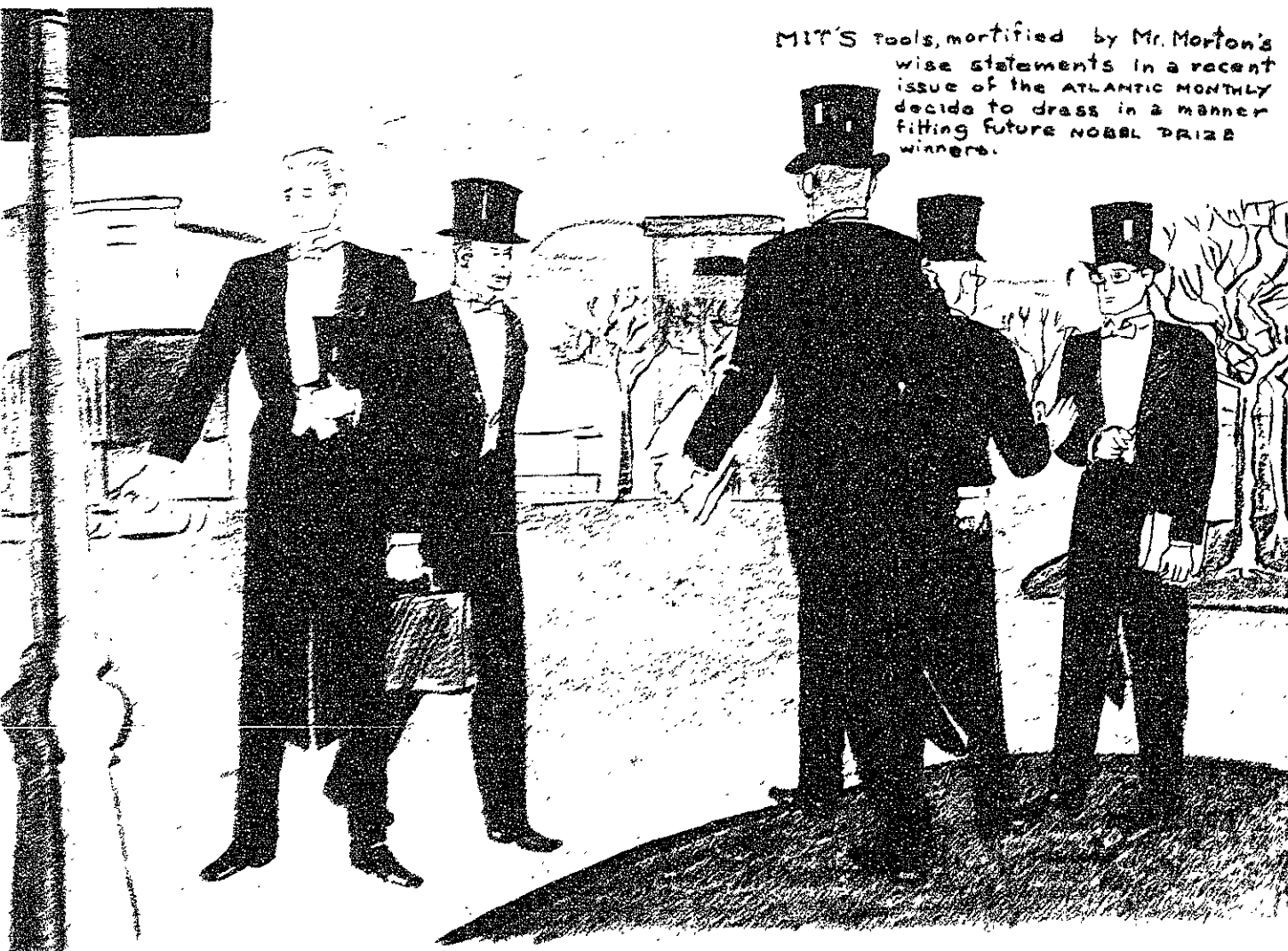
Out for a 34 weeks' season, under the direction of Michael Murray, who worked with Jose Quintero in N.Y.'s Circle in the Square, the Charles Playhouse are currently presenting "Hotel Paradiso", a gay French farce by Feydeau, in opposition to the preceding depressing and heavy "The Iceman Cometh", and this certainly proves the flexibility and extension of the group talent. You may have noticed that no particular mention of any actor was made, and the reason relies on the best statement that can be made of a theatrical company: it works and stands as a group; the success is partly in that, and should remain a success. The producers are Alfred A. Albert and Frank Sugrue, and following the original line of "through repeated contact between the company and Boston audiences



apprehension of inquisitive bellboy in "Hotel Paradiso"

... reflect the taste and standards of Boston cultural life", the Charles Playhouse is going to introduce a novelty in the United States which proved to work very well in Paris, when established by the T.N.P.: a restaurant at low prices. In this fashion the Charles Playhouse is proving itself a very courageous enterprise, but most of all, a place where theatre lovers can gather and meet more often, to enjoy a good dinner, and watch a quality legitimate theatre, an initiative which will put an end to the obligation every Boston spectator had of being a sort of guinea-pig for shows intended mostly for New York. Boston can say now that it has its own theatre and an excellent one, and the Charles Playhouse can be proud of its achievement. Let us all go and enjoy "Hotel Paradiso", on Tuesday, December 18th, when the M.I.T. Theatre Party Night will be offered at lower prices by what we are proud of calling Our Theatre.

Jean Pierre Frankenhuis '61



MIT'S tools, mortified by Mr. Morton's wise statements in a recent issue of the ATLANTIC MONTHLY decide to dress in a manner fitting future NOBEL PRIZE winners.

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AIR CONDITIONED



THE DATING SEASON

I have recently returned from a tour of 950,000 American colleges where I made a survey of undergraduate dating customs and sold Zorro whips. I have tabulated my findings and I am now prepared to tell you the simple secret of successful dating.

The simple secret is simply this: A date is successful when the man knows how to treat the girl.



And how does a girl like to be treated? If you want to know, read and remember these four cardinal rules of dating:

1. A girl likes to be treated with respect.

When you call for your girl, do not drive up in front of the sorority house and yell, "Hey, fat lady!" Get out of your car. Walk respectfully to the door. Knock respectfully. When your girl comes out, tug your forelock and say respectfully, "Good evening, Your Honor." Then offer her a Marlboro, for what greater respect can you show your girl than to offer Marlboro with its "better makin's," fine flavor and new improved filter? It will indicate immediately that you respect her taste, respect her discernment, respect her intelligence. So, good buddies, before going out on a date, always remember to buy some Marlboros, now available in soft pack or flip-top box at your friendly vending machine.

2. A girl likes a good listener.

Do not monopolize the conversation. Let her talk while you listen attentively. Make sure, however, that she herself is not a good listener. I recollect a date I had once with a good named Greensleeves Sigafos, a lovely girl, but unfortunately a listener, not a talker. I too was a listener so we just sat all night long, each with his hand cupped over his ear, straining to catch a word, not talking hour after hour until finally a policeman came by and arrested us both for vagrancy. I did a year and a day. She got by with a suspended sentence because she was the sole support of her aged housemother.

3. A girl likes to be taken to nice places.

By "nice" places I do not mean expensive places. A girl does not demand luxury. All she asks is a place that is pleasant and gracious. The Tomb of the Unknown Soldier, for example. Or Mount Rushmore. Or the Taj Mahal. Or the Bureau of Weights and Measures. Find places like these to take your girl. In no circumstances must you take her to an oil-cracking plant.

4. A girl likes a man to be well-informed.

Come prepared with a few interesting facts that you can drop casually into the conversation. Like this: "Did you know, Snookiepuss, that when cattle, sheep, camels, goats, antelopes, and other members of the cud-chewing family get up, they always get up hind legs first?" Or this: "Are you aware, Hotlips, that corn grows faster at night?" Or this: "By the way, Loverhead, Oslo did not become the capital of Norway till July 11, 1924."

If you can slip enough of these nuggets into the conversation before dinner, your date will grow too torpid to eat. Some men save up to a half-million dollars a year this way.

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To the list of things girls like, add Philip Morris Cigarettes. Girls, men—everybody, in fact, likes mild, natural Philip Morris, co-sponsors with Marlboro of this column.

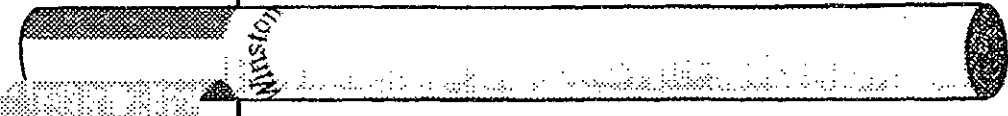
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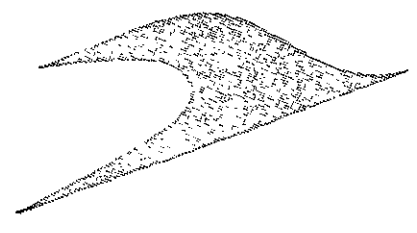
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REGIONAL CONFERENCE

(Continued from page 1)
 the field of aerial reconnaissance.
 Dr. Theos J. Thompson, director of the new research reactor at MIT will address the gathering on atomic research. In addition, Dr. George R. Harrison of the School of Engineering and Dr. John Burchard of the School of Humanities, will participate in the Detroit conference. Dr. Harrison, well-known for his efforts to explain scientific research to laymen, will speak on "What's Ahead for Science?" "Higher Education for Better Citizenship" will be the subject of Dean Burchard's talk.

FLYING CLUB

There will be an important meeting at 5:00 p.m. Tuesday to discuss an offer of a club plane. Room to be announced on bulletin boards.

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FLASH

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 GEORGE WEIN

AERO

(Continued from page 1)
 Douglas '14, chairman of the board of Douglas Aircraft, and James H. Doolittle, former commander of the eighth Air Force, and now chairman of the Space Technology Laboratories, both received degrees here, and are now members of the MIT Corporation.

"The airplane is here for a long time, and we will continue to regard aeronautics as fundamental. But the sky, or speaking more precisely, the air, is no longer the limit. Interplanetary travel is yet to be accomplished but clearly it will be feasible," said Dr. Draper.

COLD WAVE

(Continued from page 1)
 advantage if one wishes to move his limbs.

One Burton resident reported room temperatures in the low 40's, while others, too heavily clothed to hunt for a thermometer, simply sat and shivered. The man in question stated that there were no storm windows or heating units in his room, and, since this is not a solitary circumstance, this fact may become the next major "point of contention" between the dorm residents and the Institute. And the Farmer's Almanac says there's more to come . . .

TUESDAY EVENING, JAN. 6 AT 8:30
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THE ROAD TO PILTDOWN

Man-about-Manhattan Barton Reeb has a real "head" on his shoulders. His favorite bartender told him recently his last name spelled backwards is "beer."

—From a Broadway column.

Chief Detective Gordon Whitewhistle, high man on the totem pole which "insiders" allude to as the Greater New York Alias Squad, regarded me pettishly out of the cornea of his eye. "So you're Reeb's favorite barman, eh?" he queried, shooting his cuffs with a small revolver. "You know how these columnists exaggerate," I said deprecatingly, and went on stashing Schaefer into the refrigerator behind the bar.

"Why all the Schaefer?" he interrogated. "Mr. Reeb always treats the house," I commented. "He says it's his kind of beer—real beer." "Yes, and then he tells how experts call it round because of its smooth flavor," Whitewhistle ruminated presciently, absently fondling a kipper from the free lunch. "Right now, lad, your life isn't worth a plugged nickel or, for that matter, a nicked plug." He produced a photo from a bulging card case. "I give you Barton Reeb, alias Edwin d'Nuor, alias Philippe Refeahcs."

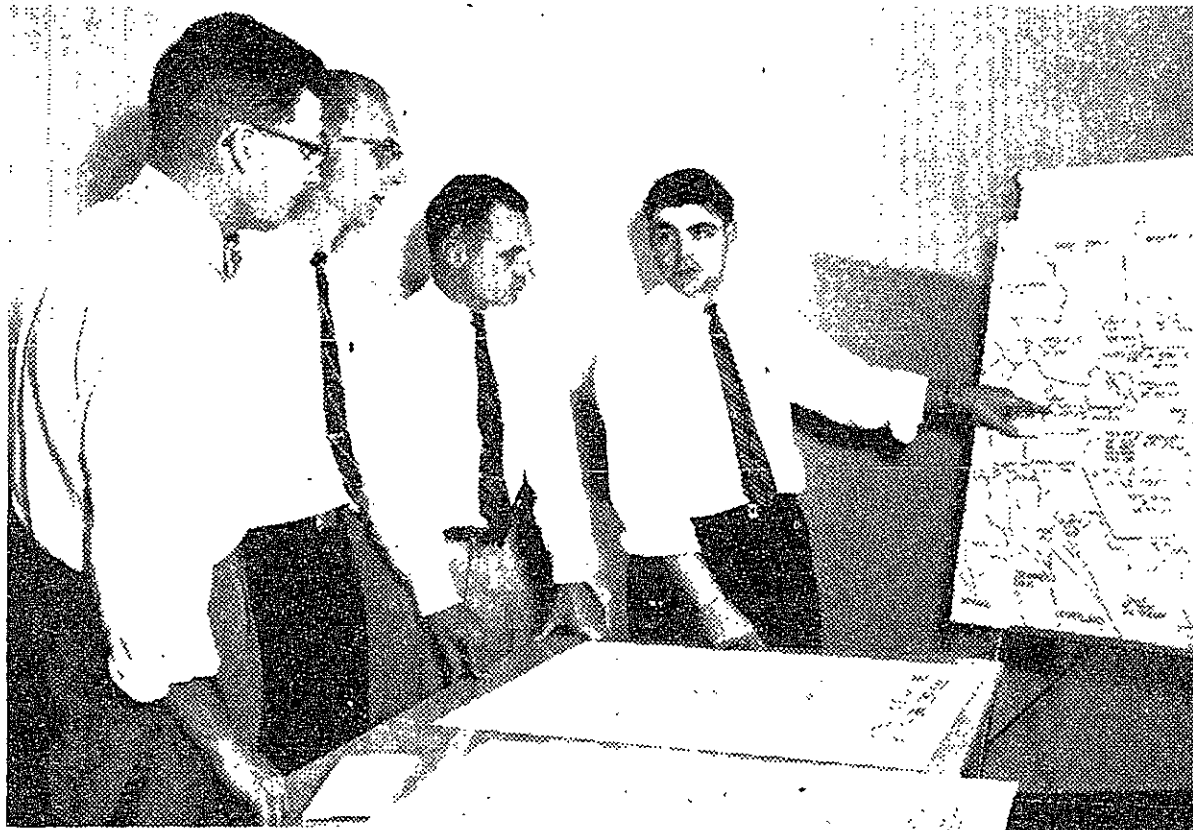
"Edwin Round! Philippe Schaefer!" I deciphered proudly, my unique talent asserting itself. "The man is a famous jewel thief, enamored of Schaefer," the detective expounded waspishly. "And you have now stripped him of his latest nom de guerre."



A shadow fell across the door, righted itself, came forward; Whitewhistle dove into a pool of darkness behind a potted palm as Barton Reeb entered. Although bent on taking my life, Reeb straightened suddenly to study a Schaefer sign, and in that moment Whitewhistle made his arrest. "What's your name lad?" he chortled to me as he led Reeb away. "Bob Dood," I riposted with a snicker. Wait till the columnists get their teeth into that little sally.

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A Campus-to-Career Case History



Bill Burns (far right) reviews a plan for expanding Syracuse's toll-free calling area with some fellow supervisors.

He wanted more than "just an engineering job"

William G. Burns majored in Civil Engineering at Union College. But he had his own ideas about his engineering future. "I wanted a job with a 'growth' company," he says, "where I could develop and move ahead as a member of management."

Bill found his 'growth' company—and his management opportunity. On graduating in June, 1954, he started work with the New York Telephone Company.

Six months of training and job assignments in Albany familiarized him with the Plant, Commercial, Accounting and Traffic functions of the telephone business. Then came 18 months as engineer in the Long Range Planning Group. In October, 1956, he was promoted to Supervising Engineer.

Bill was transferred to Syracuse in

August, 1958, as Supervising Engineer—Fundamental Plans, with a staff of four engineers and two clerks. In this job, he studies and forecasts the future telephone needs of customers in a 4800-square-mile area, planning from three to 20 years ahead. He then co-ordinates the development of plans to meet future needs with the various engineering groups involved. Bill calls it "management engineering."

Bill is married, has three youngsters and owns his own home. "A man has to build his own security," he says, "and finding the right place to do it can be mighty important. Choosing a Bell Telephone career was the best decision I ever made. I don't know where an ambitious young fellow can find more or better chances to move ahead in management."

Many young men, with degrees in the sciences, arts, engineering or business, are finding interesting and rewarding careers with the Bell Telephone Companies. Look into career opportunities for you. Talk with the Bell interviewer when he visits your campus. And read the Bell Telephone booklet on file in your Placement Office.



BELL TELEPHONE COMPANIES

IM Hockey Season Passes Halfway Mark

After reaching the half way mark in the regular season just before vacation, the intramural hockey program is rolling onward with several teams appearing to be definitely headed toward the playoffs. The top two squads in each of the four leagues will compete for the championship in playoff competition which will begin at the start of next term.

In League I, Phi Delta Theta moved into a tie for first place Wednesday when they downed previously undefeated Sigma Chi, 4-2, for their second victory without a setback. Before the New Year, the Phi Deltas had edged Phi Kappa Sigma 1-0 with Bard Glenne the game's lone scorer. Monday evening action saw Phi Gamma Delta whip Lambda Chi Alpha 5-0 when Tom Hastings '61 tallied four times. This was the Fiji's second win, having previously defeated Sigma Chi, but their record is marred by a 2-2 tie with PKS.

Grad House Undefeated

Last year's champion, Grad House, appears to have League II sewn up, as they defeated their closest com-

petitors, Theta Delta Chi, 3-0 Monday night. Wally Gannon notched two of the goals for the victors to bring his total to ten in the Grads' three wins. Earlier, they routed Sigma Epsilon Phi 8-1 and Theta Chi 5-0. Following closely behind the league leaders, the Theta Deltas have three triumphs in addition to their sole defeat, as they've edged Theta Chi 1-0, and Tau Epsilon Phi 3-1, and they've crushed Baker House 11-0 when Bill Ross '59 registered five tallies. In other competition Monday, Theta Chi downed Baker 10-0, with John Cadwallader '60 leading the attack with three.

League III is somewhat behind the others in games completed, and so far Sigma Nu is in first place by virtue of 5-0 victories over Sigma Alpha Epsilon and Phi Mu Delta. Phi Beta Epsilon won their lone encounter with Beta Theta Pi 4-0. SAE has a 2-0 win over the Betas who forfeited to Phi Mu Delta Tuesday evening.

There is a two-way tie for the top spot in League IV between Burton House and Alpha Tau Omega who both boast a pair of conquests. Prior to vacation, the Burton pucksters outskated Kappa Sigma 1-0, and Delta Upsilon 8-2. ATO picked up their first triumph when a third period goal by Frank Winkler '61 shaded Alpha Epsilon Pi 2-1. Tuesday evening, the ATO's squeaked by Kappa Sigma 1-0. Delta Tau Delta has copped their only contest by a 4-0 margin against DU.

The program is managed by Leo Gagan '61.

HOCKEY STANDINGS

League I			
	Won	Lost	Tied
Phi Delta Theta.....	2	0	0
Phi Gamma Delta.....	2	0	1
Phi Kappa Sigma.....	1	1	1
Sigma Chi	1	1	0
Lambda Chi Alpha....	0	3	0

League II			
	Won	Lost	Tied
Grad House	3	0	0
Theta Delta Chi.....	3	1	0
Theta Chi	1	2	0
Tau Epsilon Phi.....	0	1	0
Sig Ep	0	1	0
Baker House	0	2	0

League III			
	Won	Lost	Tied
Sigma Nu	2	0	0
PBE	1	0	0
SAE	1	1	0
Phi Mu Delta.....	1	1	0
Beta Theta Pi.....	0	3	0

League IV			
	Won	Lost	Tied
Burton House	2	0	0
Alpha Tau Omega.....	2	0	0
Delta Tau Delta.....	1	0	0
Alpha Epsilon Pi.....	0	1	1
Kappa Sigma	0	1	1
Delta Upsilon	0	2	0

Engineer Ski Team on deck Uses Skating Rink

Early risers out for a morning stroll across Briggs Field have been treated to some strange sights in the last week. Yes, there are skiers on the skating rink. All part of a unique training program by new coach Capt. Robert Shoemaker, ice rink downhill and trampoline workouts make up for a lack of good snow in the Boston area. The hockey team is still using skates.

Soccermen Choose Malouf Team Captain

The newly elected captain of the MIT varsity soccer team is Fouad Malouf, Course I junior from Beirut, Lebanon. Malouf, "a wonderful team man," according to coach Charles Batterman, played right fullback during the recent season when the squad compiled a 5-4-2 record.

The captain-elect was named to the second team in All-New England Intercollegiate Soccer League selections, along with classmate Ernesto Macaya '60, from San José, Costa Rica, who played outside right.

The M.I.T. Humanities Series for 1958-59 presents **I MUSICI**, chamber orchestra
 Thursday, January 15 8:30 P.M.
 KRESGE AUDITORIUM M.I.T.
 Tickets \$1.75 (reserved) from Music Office, Room 14-N236

FRIDAY	
Hockey with Cornell	7:30 p.m.
Squash with Amherst	7:00 p.m.
SATURDAY	
Basketball at Coast Guard	8:15 p.m.
Hockey at Bowdoin	7:30 p.m.
Rifle with Norwich	1:00 p.m.
Swimming with USCGA	2:00 p.m.
Squash with Williams	2:00 p.m.
Wrestling at UMass	4:00 p.m.

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 FOOTBALL HIGHLIGHTS OF 1958
 "MAGOO'S CRUISE" "AMA GIRLS"

Sunday - Monday - Tuesday
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"THE TUNNEL OF LOVE"
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The MIT Hoopsters Send Sixteen Teams Into Playoffs Sunday

With this week's results breaking a three-way tie for first in League VI, the list of the sixteen finalists for the playoffs for the intramural basketball championship has been completed. Tuesday night Sigma Chi downed Delta Upsilon 31-23 and Wednesday evening Grad House B dumped DU 46-38. Last night these two victors played for the league title.


A similar deadlock in League I was settled before vacation when Phi Gamma Delta topped Senior House 35-27 and Tau Epsilon Phi 58-26 to take first, and Senior House beat TEP 51-35 for the other playoff slot. Student House broke a second place tie in League IV with a 57-46 win over Delta Tau Delta.

League VIII ended its regular season with three squads knotted at the top but Phi Sigma Kappa stopped Beta Theta Pi 45-23 and won by a forfeit, while the Betas dropped the Dekes 44-38 for runner-up.

The double elimination championship playoffs begin Sunday with Grad House A favored to repeat.

- First Round Games Sunday
 Grad House A vs. Student House
 Phi Sigma Kappa vs. Lambda Chi Alpha
 Burton C vs. Sigma Alpha Epsilon
 Alpha Epsilon Pi vs. Sigma Nu
 Winner L VI. vs. Phi Deltas
 Alpha Tau Omega vs. Senior House
 Sky Gazers vs. Betas
 Lambda Chi Alpha vs. L. VI runner-up

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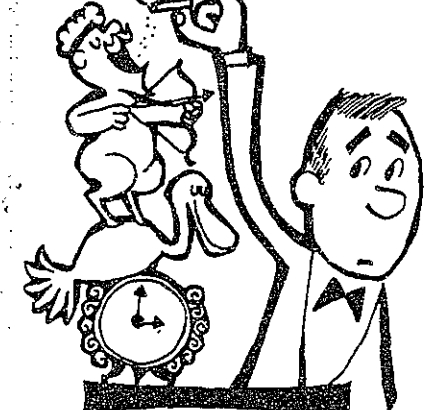
THINKLISH

English: TOUGH INTELLECTUAL



Thinklish: YEGGHEAD
 JUNE CASTLEBERRY, LONG BEACH STATE COLL

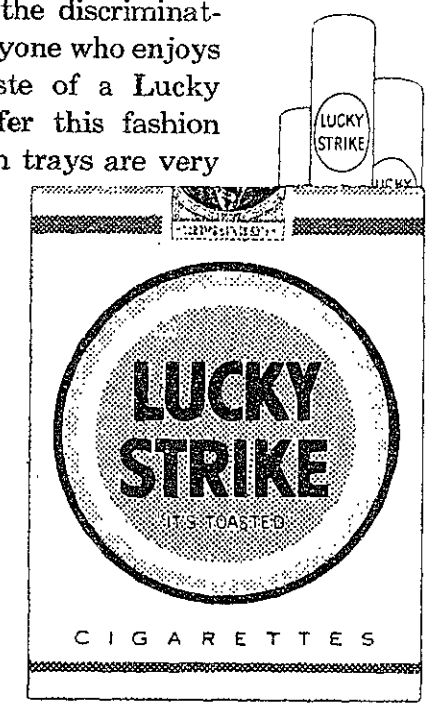
English: WEIRDLY SHAPED ASH TRAY



Thinklish translation: In modern circles, the plain round ash tray is considered square—no butts about it. Today's ash trays resemble anything from a Ming vase to a coach and four—the only word for them is *deceptacle!* To the discriminating smoker (anyone who enjoys the honest taste of a Lucky Strike), we offer this fashion note: 25-lb. ash trays are very big this year.

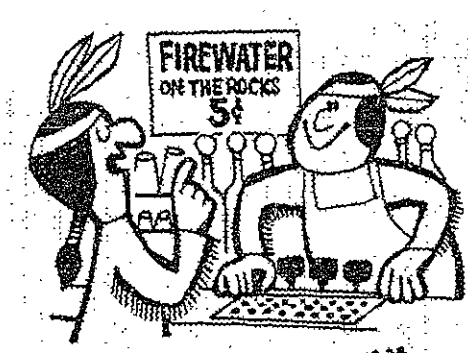
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English: INDIAN BAR



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English: THIN STEAK



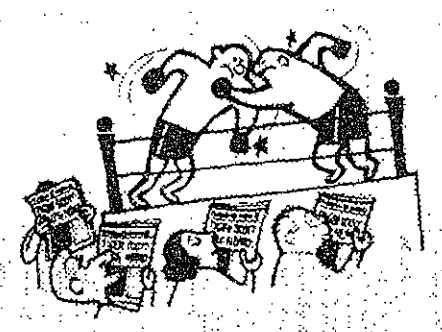
Thinklish: SLENDERLOIN
 RICHARD COLLINS, WILLIAM & MARY

English: SUAVE PORTER



Thinklish: GRIPLONAT
 PAUL LE VASSEUR, BROWN

English: PAPER FOR BOXING FANS



Thinklish: JAELOID
 DAVID TUBBS, ITHACA COLLEGE