

DEAN PRESCOTT ANNOUNCES THIRD STRATTON PRIZE

Contest Started In 1931 By
Former President of
Technology

PRIZES AMOUNT TO \$100

According to a recent statement by Richard F. Warner, '33, chairman of the student committee on Stratton Prizes, the contest is being held for the third time this spring. This statement came as a result of an announcement to that effect made by Dean Samuel C. Prescott of the school of science, who is the chairman of the faculty committee on the Stratton Prizes.

In this contest which was started in 1931 by the late Dr. Samuel W. Stratton, the entrants write papers on "any subject of interest to a group of engineers", to use the words of Dean Prescott. These papers are read before the various organizations of the Combined Professional Societies, which are sponsoring the contest and the best of them are presented before a joint meeting of the societies, where the best five are chosen. The final prizes are awarded on the merits of a final reading of the papers on class day before such judges as G. L. Cabot, '81, of the corporation, H. E. Clifford, '86, dean of graduate students at Harvard, and Mr. H. E. Eddy, '17, of Metcalf and Eddy, who were the judges at last year's contest.

"An Engineer Hates to Talk"
To the men participating, the value of such a contest can hardly be over-estimated. According to Professor William H. Timbie, one of the members of the faculty committee, "an engineer hates to talk. His idea of a good speech is: 'There are the facts, darn you! Take 'em or leave 'em!' But the engineers must talk for themselves. That's the whole trouble with them. They do all the work and then some lawyer or business man who talks fast gets all the money."

Inasmuch as the papers are limited to not more than fifteen minutes so that the finals can be run off on a reasonably short program, contestants also get practice in condensing the essential features of a paper to within that time. Fifteen-minute papers which run close to an hour are not cordially received on carefully timed programs.

In 1931, the first time the contest was held, Meyer Herstenkorn, '31 was

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Corporation XV Pushes New Paper On Technology Literary Horizon

Embryo Greeleys and Pulitzers
Issue Vol. I, No. 1 of
"Co-operation"

Corporation XV, entered the journalistic field this week, with the issuance of the first number of "Co-operation" a two-page neostyled "Official Organ of Corp XV". Besides presenting important announcements concerning the mass of heterogeneous social functions the "directors" are planning, the paper contains interesting news items, more elections to the board of directors of the Corporation, and an appeal for contributions. That the paper has been well received by the members of the course is reflected by the favorable comment which its appearance brought forth.

The paper announces among other things an April Fools' Day Dance, at which a prize will be given for the

PROFESSOR WARNER TO LECTURE HERE

Former Head of Course XVI
Will Discuss Present Status
of Air Transportation

Professor Edward P. Warner, '17, former Assistant Secretary of the Navy for Aviation, will deliver a series of lectures on important aspects of air transportation at the Institute beginning next Monday, February 27.

His first lecture on Monday, at 3 p. m. will concern "The Development and Present Status of Air Transportation". At 4 o'clock on the same day he will discuss the "Design of Air Transport Equipment".

At 3 p. m. on Tuesday, February 28, Professor Warner will speak on "The Economics of Air Transportation", and at 4 p. m. the subject of his lecture will be "Air Transport's Future Prospects". The lectures will be delivered in Room 3-370.

Vaughn Shatters 440-Yard Record For Fourth Time

Victor in Close Race Against
Strong Dartmouth Man
Last Wednesday

Freddy Vaughn clipped five seconds from his own record in the 440-yard free style to feature for the Engineer mermen Wednesday when they lost to a superior Dartmouth team 53-18. The only other first place winner for Technology was Captain Lou Flanders, who led the field in the breast stroke.

This is the fourth time that Vaughn has broken the Institute record in his event. Last year as a Sophomore he broke it for the first time; this year, in the second meet of the season, he took off another fraction of a second; last week against Army he reduced it by two seconds; and Wednesday he brought it down a full five, making the excellent time of 5 minutes 32 and 4-5 seconds. This is only 2.3 seconds from the New England Intercollegiate record made by Dan Strohmeier, now a graduate student at the Institute, while at Amherst. Last year Vaughn was one of the five men on the swimming team to receive straight T's.

The other first place for the Engineers was taken by the ever reliable Captain Lou Flanders in the breast stroke.

"foolishest" costume. No admission price is stated but it is expected to be a relatively low priced dance.

A theatre party, limited to only fifty tickets, which will be held tomorrow evening, is the feature of the issue. The Corporation has secured tickets for the "Geisha Girl" now playing at the Copley. The first balcony seats, according to the paper, have been secured for 90 cents per person and \$1.75 a couple. It did not say whether or not the affair was closed to non-members of Corporation XV but since no public announcement has been made, it is believed this is the case.

The varied news items are like any which an organization organ as "Co-operation" would be expected to carry. Two samples:

"Our secretary, Tuffy Thayer, 326 Bay State Rd., was operated on last week for a ruptured appendix."

(Continued on page four)

TREMAINE AFFAIR FINALLY SETTLED

Dorm Committee Decides to Pay
Only Nichols' Trip
Expenses

At a meeting of the Dormitory Committee, at which Charles Schribman, contracting agent for the dance orchestra, was present, the committee finally came to terms regarding the contract broken by Paul Tremaine. It was agreed as final settlement that only the expenses of Ray Nichols would be paid by the committee. In return for any difficulties caused by the affair, Schribman assured that special concessions would be accorded the committee in the selection of future orchestras.

This situation was precipitated when Paul Tremaine failed to appear at the Dormitory Dinner Dance on February 17. Tremaine had accepted a long contract on Broadway, and in order to fulfill the requirements of this contract, it was necessary for him to remain in New York on the night of the dance. Ray Nichols and his band were then rushed to Boston in order that the dance would not be left without music.

Few of those present realized, however, that a substitution had been made, as it was not publicly announced.

Technocracy Comes Down From Shelves To Garnish Voo Doo

Exchange Columns Replete With
Sparkling Humor In
Latest Issue

By W. H. Robinson

Let it be said that Phosphorous and his litter indeed know a good joke when they see one. The percentage of laughs in the six pages of exchanges which regularly feature Voo Doo is rather remarkable in this current issue. Those many hours spent, with scissors in hand, poring over quips from the many humorous publications throughout the country are certainly justified. There is nothing quite so refreshing as to run across little bits of clever wit, no matter where culled, in the day's drudgery.

Not to Forget the Front Cover
Although Technocracy is now filed with the cross-word puzzle as far as the public is concerned, and although Professor Ralph E. Freeman gave us the word "Technocracy" nearly seven weeks back, the creation of the front cover is still an excellent job, a laudable change.

Plunging at last into the deeper waters, we come upon the usual serious effort upon the part of Voo Doo artists, a study of what we think is one of those blue-eyed blondes. It was puzzling somehow, a baffling some-

(Continued on page three)

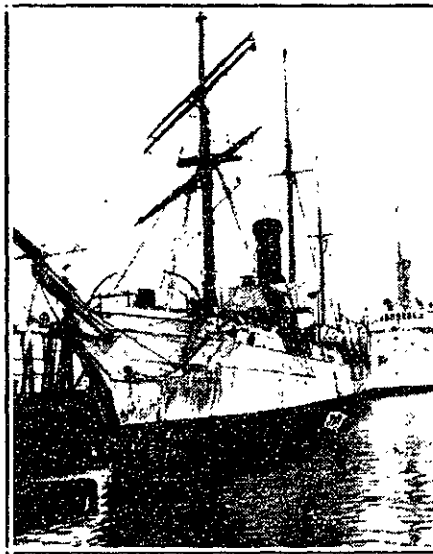
SOPHOMORE DANCE HAS NET PROFIT

John B. Ballard, '35, a member of the Sophomore Prom Committee, announced last evening that the affair will net the class slightly less than \$100 after all expenses are paid. The number attending the dance was set at 285 couples by the committee.

The cigarette girl, an innovation at Technology dances, attracted a great deal of attention. Ginger ale, cracked ice, sandwiches were served throughout the evening.

Leo Hannon's orchestra, which played for the first time at the Institute, attracted favorable comment.

The "Bear of Oakland,"
Home of Two Students



Whaling Ship Serves As Residence of Two Institute Students

Ship, Historically Important, Is
Docked at Boston
Navy Yard

From many unusual places, no doubt, come some of Technology's commuters, but not often does the Institute have two undergraduates commuting from a boat. The "Bear of Oakland," a barkentine, now in the Boston Navy Yard, is the residence of two Technology students, Arnold H. Clarke and Epaminondas J. Demas.

In a "living-room" that has probably witnessed many historic scenes during the fifty-eight years the boat has been in service, these men carry on their studies; they sleep in quarters that have housed many famous sea-men, and cook their meals in a galley in which food was cooked for Arctic explorers like Amundsen, Steffanson, and Greeley, as well as for many Coast Guard men. Clarke rises each morning to make coffee on a "Primus" kerosene stove of a type that has been used by explorers ever since the earliest advances into the Arctic were made. When "nasty weather" sets in, and the gulls cease to wheel around the boat, the hatches are battened down, and at a table lighted with ship lanterns Clarke and Demas work on physics and chemistry while the boat rolls and the wind whistles through the rigging.

Planks Worn Down By Use
The deck just forward of the galley bears eloquent testimony to the age

(Continued on page four)

Sign-ups For Emerson Cup Close Tomorrow

Squash Team Goes to Hartford
For Return Match
With Trinity

Sign-ups for the Emerson Trophy squash tourney will close at 4 o'clock tomorrow afternoon, it was announced by Manager Francis S. Doyle, '34. The winner of this tournament, which is open to any undergraduate, will have his name inscribed on the cup donated by Charles J. Emerson, '04, and is generally recognized as the school champion. The two finalists are also presented with individual awards.

Having defeated Trinity College by 3-2 in their last match, the varsity men travel to Hartford tomorrow for a return match with the same team. Ed Lucas, John Wood, Jim Eder, Dave Ingalls, and Irving Newman are the men slated to make the trip. Lucas, Ingalls, and Newman were the winners last week, all three beating their men in straight games.

TECH SHOW DATES FIXED; WILL NOT COME PROM NIGHT

Announcement Made By Lappe;
March 15, 16, and 18
Set For Show

DANCING ON TWO NIGHTS

The announcement that the thirty-fourth annual Tech Show will not be held on Prom night was made official last night by Paul Lappe, general manager of the show. Since the dates of presentation of Dramashop and Tech Show conflicted, the previous agreement between the Junior Prom Committee and Lappe, that Tech Show would be held on Prom night, was dissolved.

Dancing On First Two Nights
Tech Show will be held on March 15, 16, and 18, extensive plans being made for the presentation in Walker Gym. On Wednesday and Thursday, March 15 and 16, there will be dancing in the Main Hall of Walker, from the conclusion of the show till 1:00 A. M. The price is \$1.00 per person, placed at this figure, stated the general manager, in consideration of the present conditions, and in line with the general appeal to the undergraduate body.

As to why the latest edition of the show will stand out as exceptional from the former ones, Professor William C. Greene said that more brains and less work are being used. Something that no Tech Show ever started with, namely a script, this year's show had at the beginning, observed Professor Greene. "Moreover," he went on, "many rehearsals are being held, sometimes with the same players as those who appeared at the one previous—though usually with different ones."

"This year's production is different from former shows," continued Professor Greene, "in that it has dramatic unity." The author, Dr. Kenneth Gold, '29, has not gone far afield for material, and has made few digressions from the theme of the comedy.

First Show In 1898
The precarious financial position of Technology athletics in the fall of 1898 was the direct cause of the first presentation of what is now known as the Tech Show. A small group of students, upon hearing of the plight of the M. I. T. A. A., suggested that a minstrel show be given in Hunting-

(Continued on page three)

WILLS WINS AWARD WITH HOUSE DESIGN

Institute Graduate Gets Gold
Medal For His Creation

Royal Barry Wills, a graduate of the Department of Architecture at the Institute in the class of 1918, was recently awarded the gold medal for the best small-house design submitted in the 1932 national competition sponsored by Better Homes in America. Presentation of the medal was made by President Hoover as honorary chairman of the organization. Miss Elizabeth Coit, '19, was one of seven architects who received honorable mention in the contest.

In awarding the medal, the jury declared that "the house submitted by Mr. Wills shows great charm, expresses the spirit of the locality in which it is built, has a fine scale and composition and shows a good use of materials. It has an air of domesticity and shows great care in the manner in which all detail has been brought together."

A Record of Continuous News Service for Over Fifty Years



Official News Organ of the Undergraduates of M. I. T.

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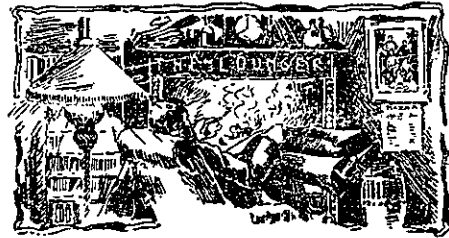
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Observing with repugnance the last issue of Voo Doo, we find that that excruciatingly comic and utterly original column known as "Ye Sponger", has once again condescended to take notice of the lowly creatures residing in the basement, if only to heap vituperation on their long-suffering heads. There is one evident and immediate retort which we take occasion to make, and that is if there are rats in the basement of Walker, then there are most certainly bats in the belfry.

The column, which has evidently been a fairly poor attempt (except on one or two occasions) to weakly imitate and mock these efforts, has come out with several witty statements, none of them complimentary and all of them in the way of slander. Well, if it's fight you want, what do you think of this?

We take particular exception to the remark purported to express the regrets of "Ye Sponger" (probably the eminent Mr. Henry, with a slight dash of Selig upon occasion) to the author of this column, because he (the latter) was "licked *once more* in a publications election". Let it be understood that the Lounger accepted his affiliation with the explicit understanding that only under the greatest stress was he to be a candidate for any official position.

There was a time when this author did write for Voo Doo, perhaps Mr. Henry will recall it, and it was there that he received his defeat for publication election. Because he did not care for the personalities connected with that publication, and because he found the activity to be in a peculiar state of coma hardly justifying the name, with one or two people supplying all the material which did not come first-hand from exchanges, he withdrew, feeling slightly hot under the collar. Since that time he has had occasion to congratulate himself on the first evidence of good sense he has ever shown.

Voo Doo speaks of graft on this publication. We recall distinctly a time when a trade add was made with a certain cabaret not more than a stone's throw from the Motor Mart, for a sum in the neighborhood of a hundred dollars. The benefits of this sum accrued to members of the board, and the board alone, who used it to amuse themselves and such company as they saw fit to invite, at the cabaret in question.

We also call to mind an instance of a similar affair this past year, where members of the board sported a rather expensive and well-known brand of pen and pencil sets, which were also received in exchange for the privileges of that publication as an advertising medium. Well, gentlemen, if *this* be treason, go climb a rope.

DEPARTMENT HEADS WILL ATTEND TEA

Faculty Members Are Guests At Second Burton Affair

Open house will be held again at the Dormitories this Sunday, during a tea to be given for members of the faculty and dormitory residents. Tea will be served by the wives of the department heads, and open house will be in effect from three until seven, to allow the men to entertain their guests comfortably.

Prominent members of the faculty have been invited, including the head of each department, and they will receive informally during the two hours. This will give dorm residents a chance to meet their professors on friendly terms.

This will be the first of a series of teas during the spring term. Two are being planned in conjunction with the Musical Clubs concerts which will again be presented in Walker. If enough interest is shown, more will be planned in addition.

OPEN FORUM

In opening its columns to letters addressed to the Editor, THE TECH does not guarantee publication of any communication nor does it necessarily endorse the opinions expressed. Letters on subjects of interest to the student body are welcome if signed. However, if the writer so desires, only the initials will appear on publication.

Tech Athletes CAN Train Properly
 To the Editor of THE TECH:

It looks as though a number of misconceptions have arisen since first the question arose as to the quality of crew coaching that we are now getting. A few of these may be answered easily.

We don't object to having a crew which doesn't rank every few years, but we do object to being made a joke in every race in which Technology participates, year after year. The question of training is a decisive factor in determining the sort of race that will be rowed, but the training done here by the crew equals that done in other schools. In spite of the editorial appearing in the issue of THE TECH last Monday I believe a person in his right mind CAN expect a man to train properly in the face of a schedule like ours. Pretty close to 100% of Tech athletes who are successful, train properly, and I say this because I have associated with a number of them.

We are all against those who "train with as much of their time as possible and then stack up against vastly superior teams, just for the thrill of the sport." In the first place, it is Quixotic. In the second place, it is unnecessary, and in the third place, it leads to a very unhealthy state of mind. There is a dilettantism regarding participation in sports, a failure to attain the singleness of purpose which characterizes successful teams. In addition, there is, no one will deny, a distinct lack of respect among undergraduates in general for the teams which are so singularly unsuccessful. Such incidents as the reference in "Judge" last year, to the quality of Tech crews, leads to the shoulder shrugging, apologetic air when outsiders speak of Technology sports.

In talking with crew men, the sentiment seems to be that they feel that they are putting in a great deal of work and are not getting much out of it—that they have two strikes against them before they start, due to inconsistent and incapable coaching—that there isn't anything that they can do about it. Naturally they hesitate to make an issue of it themselves through any channels they can reach because of the ill feeling it would cause.

Anyone connected with crew knows that the crew coaching is NOT excellent, and the desire for a change is not motivated by any wish for a winning crew at all costs, but rather by the wish for a consistent system, wherein all the efforts of the men do not so

We have noted with continued disfavor the malicious reference to personalities in the column mentioned. These references were not made as they sometimes are in this column, with the intent to provide humorous comment on Institute life, or to openly censure, but with deliberate intent to injure.

And the injury was done with no greater motive than a rather childlike grudge, or idiotic notion of what is and what is not humorous. It is a strange commentary on life at this institution that the people who possess the least subtle sense of humor, and who lack any notion of the delicate, should run its so-called humorous publication.

We note, in conclusion, that Voo Doo has ironically taken exception to the space allotted to it in the issue of the Publications Banquet, and the manner in which the history of that organization was written up. Unfortunately, the Voo Doo is of little, if any, interest to most of the students of the Institute, and thus could hardly be classed as anything but third rate news material. Material which any editor would use only to give his green men experience in the proper way to punctuate a lead.

obviously go for naught. The results will then speak for themselves, and what have we to fear? Could anything be worse than the consistent outclassings under the present system?

Very truly yours,
 J. C. T. '30

To the Editor of THE TECH:

In the issue on last Friday, Mr. Carey wrote a letter stating that our coaching was excellent, and that the real reason for our unsuccessful athletics was our difficult studies schedule, which made intensive training impossible. While this may be true in the case of boxing, it is absolutely false in the case of crew. The crew coaching is NOT excellent, and to back this statement up, I present the record made by the coach when he was coaching the varsity crew at Harvard, where plenty of men, material, and training time can be had.

1916—Harvard won over Cornell and Yale, but lost to Princeton.

1917—No races, due to war.

1918—Harvard won over Yale and Princeton.

From 1919 on, when the war was over, and one could expect that the coaching system was just getting established on a firm basis, Harvard crews became consistently poor (just as they are at Tech, at the present time).

1919—Harvard lost to Yale.

1920—Harvard lost to Navy, Princeton, and Cornell, beating only Yale, which can mean little, in view of its defeats.

1921—Harvard lost to Princeton, Navy, Cornell and Yale. Harvard was fortunate enough to beat M. I. T. in its first year of authorized varsity rowing. Incidentally, M. I. T. has never yet beaten Harvard in a dual regatta.

1922-23—Demoted to coaching minor crews.

1924—Came to Tech.

If the coach was unable to produce even fair crews at Harvard, how can he be expected to fare at Tech? Where is the no time or no equipment argument there?

Again, according to Mr. Carey, "At no instant is the student driven so much that he regards training as a drudgery." Yet, according to Infirmary records, the training of 1931 was made so severe that several men were ordered by the medical department to cease rowing, and in 1932, a doctor was sent to the boat-house several times each week, to make certain that the men were not fatigued too greatly.

The crew coaching is NOT excellent, and it is my belief that under a good coach, our crews would improve greatly, and yet work no harder—if anything, less hard, than they do at present.

It's time for a change.
 Very truly yours,
 HERBERT R. PLASS, '34.

Where Tech Men Go—
KENMORE BARBER SHOP
 490 Commonwealth Ave.

More Popular Than Ever
 With Tech Men
 The
CAFE DE PARIS

Conveniently Located
 at
 165 Massachusetts Ave.

AN ASPIRIN TABLET

AT Carnegie Institute of Technology there existed the same difficulties with orchestras as we are having here at Technology. They have revolted. No longer will they stand the exorbitant cuts that are tacked on by the middle man, the national booking agent. The Student Council has created a special committee for the specific purpose of compiling information about orchestras and then hiring them direct.

The system, as it works, is extremely simple. The dance committees proceed as before, choosing the orchestra they wish to have for their dance. This choice is turned over to the Council Committee which makes contact with the orchestra and does the actual hiring.

A "Carnegie Tartan" editorial goes on to point out that the prices demanded by nationally known orchestras are way out of proportion to depression prices, and it is sometimes difficult to distinguish between a very expensive nationally known orchestra and a moderate priced band. The function of the committee is to furnish definite information on just those facts. In all events, the booking agents' percentage may be cut out completely.

With the clamor that is arising on all sides for lower admission prices to social functions, a sub-committee of the Institute Committee with this function might be an answer to the cry. And it might save the Dance Committees many of the "headaches" that the Dorm Prom Committee has just experienced. There is a big opportunity for such a group to be of tremendous value here at Technology.

BUYING POWER AND THE BANKS

A GREAT deal of stress has been laid upon the reserve purchasing power of the American people as a factor which, when released, will tend to alleviate business conditions. This purchasing power is now held in the form of capital credits loaned by the worker to savings banks and industry through bank deposits and securities.

To be able to spend, then, the middle class security holder must either sell his securities in a market depressed below what he considers normal and fair, or he must borrow thereon.

Right there we strike one of the major snags of the depression. There is no adequate machinery for the small security holder to obtain a loan at a reasonable rate of interest. Banks in Boston, for example, will refuse a loan to one who has not at one time been a depositor, and if they do, will demand 12% interest through the simple expedient of service or minimum charges.

Although the depression will obviously not be over in sixty days, if the loan officer finally condescends to grant a loan of less than one half the market value of the collateral, he emphasizes that one cannot expect renewal at the end of that period, but must submit to the selling of his collateral if he does not have the ready cash.

The stranger to the city, though he hold reliable stocks, must go to the two or three per cent a month "loan shark" who is financed in turn by the very bank which refused the individual loan.

One scarcely will believe that these conditions prevail, in view of the "spend now" propaganda issued by governmental officials and industrial and banking executives. But an actual attempt to secure credit will soon reveal the truth.

ANNOUNCEMENT OF ELECTIONS

Volume LIII takes great pleasure in announcing the following elections: Perry M. Ware, '35, Feature Writer; Arthur A. Carota, '36, Reporter; Robert S. Reichart, '36, Staff of Advertising Department.

"Rot" and "Humbug" Among Heaviside's Marginal Comments

Collection Now in Central Library Reveals Temperament of Famous Scientist

Several volumes from the library of Oliver Heaviside, the distinguished British scientist, who died in 1925, are now on exhibition in the Central Library of the Institute. The collection includes a number of autographed letters and other memorabilia gathered by the late Dr. B. A. Behrend, for many years one of Heaviside's most intimate friends and supporters in this country. The exhibit constitutes the first and only showing in America of this material, which will shortly be sent to England to be united with similar Heavisidiana in the library of the Institution of Electrical Engineers.

In his intimate letters to Dr. Behrend, as well as in the annotations abounding in the pages of his books, Katharine Maynard, Vail Librarian, has found much that reveals the personality and temperament of this retiring genius, and adds great interest to his published writings. Refusing as he did to take part in the public discussions of his day, he seems to have enjoyed a solitary debate with the scientific writers whose works he read, scattering notes, markings, and mathematical computations through to the very last papers of these volumes from his library.

Comments On Books

In the margins of these papers we find comments such as "vague", "wrong decidedly", and "bad and wrong" mixed with such stronger criticisms as "very irregular", "monstrous", and "wrong, wrong". He finds a certain method "very clumsy"; questions "Why?" and "Why not?" frequently; and asserts bluntly here and there: "Won't do"; "Don't need so many apologies"; "Don't like this demonstration—see my note for a simpler one"; "This way is academical humbug"; "Rot, rot"; "Nonsense!"

The exactness and precision of Heaviside's own methods are reflected in numerous remarks. Thus, after a statement of the analysis of copper sulfate he takes pains to total the percentages, adding 100 in pencil. Opposite a footnote in Perry's Applied Mechanics explaining that a bicycle "geared to 53 inches goes at 10 miles per hour when the pedals make one turn per second" we find the correction: "Should be 56 very closely." Again, when his friend Perry gives a "Mnemonic" for a certain equation, Heaviside's directness advises: "Call it Law or Rule."

Awarded Gottingen Degree

The degree from Gottingen awarded Heaviside by Wilhelm II in 1905 is ample evidence of his ability, yet, although recognized at the time of his death as ranking with the greatest scientists—Archimedes, Newton, Kelvin, and Faraday—and acclaimed by Sir Oliver Lodge as "a mathematical genius of exceptional ability", Heaviside lived the greater part of his life in poverty and obscurity. His three volumes of Electro-magnetic theory, co-ordinating the earlier Electrical Papers, separately published, are now consulted by all serious students of mathematics, physics, and electrical engineering.

Through the "Heaviside-Kennelly layer" and "Heaviside's operators" his name has come to be linked with present-day investigations to which he made valuable contributions 40 years ago. "From the practical point of view, however," states Alexander Russell, "Heaviside's most important work was laying the foundation of the modern theory of telephonic transmission."

UNIVERSITY OF ILLINOIS

The department of romance languages at Illinois is beginning a series of French lessons over the university radio station. These lessons will be broadcast twice a week.

Sergeant McDonnell, Varsity Rifle Coach, Is Also a Practicing Lawyer

On Championship Hoop Team In Army, He Now Coaches Freshman Team

His card reads "Harold F. McDonnell, Attorney-at-law", but to the rifle team he is "Mac". He joined the army in 1920 at Los Angeles, California, and signed up there with the Air Corps. From there he was transferred to Fort Sill, in Oklahoma.

The next jump he made was to Fort Sam Houston, in San Antonio, Texas. This post is the largest in the United States. While he was there he played quite a bit of basketball; in fact, he played guard on several championship teams in the Second Division.

After his first year in the army he transferred from the Air Corps to the Engineers Corps, which he found more to his liking. What he liked especially was the variety of work undertaken by the Engineers Corps—map work, construction-work, fortifications, supply. In the Engineers Corps he found that he learned a little of everything connected with the army.

From Fort Sam Houston Sergeant McDonnell went to Colorado, and from there he was transferred, in 1927, to Technology. He became coach of the varsity rifle team his first year here, and the present season is his sixth. In the past five years he has produced three teams that won the Eastern Intercollegiate Championship, and another that came second.

Decided To Study Law

When Sergeant McDonnell found himself in Boston, he noticed that he could obtain education in almost any branch of learning. Deciding to have another means of support besides the army, he chose to study law. He enrolled in Suffolk Law School in the winter 1928-29.

While he was there he studied under Attorney-General Warner of Massachusetts. He told of one time in particular when he was called upon several times in succession to analyze and give a decision on a case. This type of questioning, where the stu-

dent, supposedly having read the assignment in advance, is called upon to solve a case, teaches quick thinking that is necessary in courtroom procedure, said Sergeant McDonnell.

While he was attending Suffolk Law School, he became particularly interested in constitutional law. Partly because of his questioning by Attorney-General Warner, and partly because he found it especially to his liking, he studied constitutional law until he knew it almost perfectly. As a result of his work in this subject, he won a prize in the course.

Passed Bar Exams

After only three and a half years of attendance at Suffolk Law School, he graduated in June, 1932. He took his bar examinations soon afterward, and passed them. In addition to his work at the Institute, he has a law office on Massachusetts Avenue.

When questioned in regard to the outlook for the rifle team this year, Sergeant McDonnell admitted that the prospects were not very bright. Last year brought with it a large graduation list for the rifle team. However, if the sophomores on this year's team get in shape before the important competitions, the team still holds promise.

As if coaching a varsity rifle team and practicing law were not enough, this year Sergeant McDonnell took on the additional task of coaching the freshman basketball team. The team, he says, has a good offense but a rather weak defense, and any good guards in the freshman class will be welcome. He did not know, earlier in the season, that he was to coach the team, or he would have done some scouting at Freshman Camp.

Sergeant McDonnell has proved himself indeed versatile. Interested in basketball for some time, he now coaches the freshman team; connected with marksmanship through the Engineers Corps, he is coaching the varsity rifle team; and being of a studious turn of mind he has taken up law. Those who know him all agree that he is an all-round man and a good fellow.

Hold Annual Winter Inter-class Meet On Boards Tomorrow

Twelve Events Scheduled For Track Here; Bell Runs In New York

Occurring as the highlight of the indoor season, the annual Winter Inter-class Track Meet will be held on the Institute boards tomorrow afternoon at 2.30 o'clock. Twelve events are listed, in which any under-graduate may compete, and the number of entries so far is sizeable.

Six straight running events are on the bill, consisting of the 50, 300, 600, and 100-yard, and the mile and 1 1/2 mile distances. The 45-yard hurdles and the 60-yard low hurdles are also scheduled, along with a broad jump, pole vault, and shotput.

Foremost among the entries in the middle distance races are the mile relay men, with the two-mile relay men showing a like predominance in the longer contests. The dash promises to be anybody's race, for Dick Bell will not compete. Stan Johnson and Charley Hill will probably have a close tussle in the low hurdles, while Johnson and Walter Wrigley are the favorites in the broad jump. Ed Pierce and George Ray in the high jump and Gordon Donnan and Nat Green in the pole vault are other likely placers. The shotput event presents no outstanding competitor.

Bell Goes to New York

In the meantime, Captain Dick Bell will be on the way to New York to compete in the National A. A. U. championship 70-meter dash tomorrow evening. Selected to represent the New England A. A. U. on the strength of his season's showing, Bell will be pitted against such men as

Toppino, Wykoff, Metcalf, and Siegel. Even a place against this field would be an achievement surpassing all his others so far.

TECHNOCRACY FEATURES NEW ISSUE OF VOO DOO

(Continued from page one)

thing about the cheeks and eyes. One gentleman who studied it was likewise bewildered. Said he, "I think there's something funny about it."

"Technocracy—A Frank Discussion" was very nice.

Fresh Blood in the Ranks of the Pun
In no uncertain manner, Voo Doo has come to the defense of the pun, as witness "Looking Forward", "A Technocrat's Dictionary". Some are rather good. One thing about it, though. Once you have read these two articles, there should be little doubt as to your personal stand on the "pun" question.

With the worthy "Boston American" as inspiration, someone has written an excellent poem on Page 17. It has a joke in the last two lines. More verse a couple of pages onward takes its theme from the "Boston Post". Rhythm is quite smooth.

All That Valuable Space

THE TECH is honored in this issue, with a full page devoted to its interests. The matter was very enjoyable, although somewhat crude in spots.

CAGERS FACE STIFF CONTEST TOMORROW

Play Final Home Game of Year Against Strong Crimson Independents

Technology's varsity basketball team faces another strong quintet Saturday night in the Hangar Gym in the Crimson Independents, a team composed of graduate students and other ineligible from the University up the river. The game, the last to be played at home this season, should be fast and interesting, for the Independents have defeated the Harvard varsity and Rhode Island State, two teams whom the Engineers played, by good margins. The freshmen will travel to New Hampshire to meet an experienced team from Tilton Academy.

Coach McCarthy announced that the starting line-up for the game will be O'Brien and Feustel, forwards; Shaughnessy, center; and Sysko and Amenta, guards. The selection of Shaughnessy for the center position was due to the fine brand of play he displayed against Tufts recently, when he and Co-captain Sysko starred defensively.

Hill and Farrell Are Stars

The Independents have showed considerably more strength this season than they have in the past. Led by Jimmy Hill, one-time University of Kansas star, and Tom Farrell, former Harvard captain, forward and guard respectively, they have defeated some of the best collegiate and semi-pro teams in New England. Last year, when they did not have a very good team, the Engineers defeated them by a 33-26 score. The Technology team's last game is at New Hampshire next week.

The Voo Doo version of that skirmish with the newsmen made a really delightful fantasy.

We are honored to have Voo Doo consider our last humble review good enough for the front page, but must, from honesty, declare their statement in error, adding that it was really printed much farther back—to be exact, on the third page.

Glad to see our acquaintance of last month, "The Buck and Doe Run Valley Farms" still holding forth, this time on the back page, we regretfully notice that their excellent sheep have not yet carried off any additional prizes. Better luck in the future!

A New Regime Springs Forth

Lest we forget, Voo Doo announces its new managing board, with William H. Mills, '34, in the seat of honor. May we in closing humbly offer our best wishes for the coming years, and perhaps timidly suggest that these gentlemen choose as well and carefully for the exchange columns as has been done in this February issue?

DANCE LIKE THE STARS
★ **ON THE STAGE** ★
Beginners Guaranteed!
Tap, Clog, Eccentric, Exhibition, Etc.
LOUIS LERNER
(Famous RKO Star) Now Teaching
Latest Ballroom Steps
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TECH SHOW WILL NOT RUN NIGHT OF PROM

(Continued from page one)

ton Hall of the Rogers building on Boylston Street. The plan was accepted and, the following spring, resulted in the first Tech Show production, which was so successful that it appeared not in Huntington Hall but at the Hollis Street Theatre and made several hundred dollars profit.

This first theatrical effort of Technology students was quite different from their later triumphs. It was brought about mainly through the cooperation of Boston musical clubs, Boston composers, and Boston society leaders. As show followed show, the production of the comedies passed more and more into the hands of the students. The writing of the music and the plot was entrusted to them. The financial side of the project was managed by them.

Produced Gilbert and Sullivan

From the production of comic operas such as Gilbert and Sullivan's "The Grand Duke" during the first few years of its life, the Tech Show passed first to original plays and then successively to revues and musical comedies. Its patronage steadily grew until, athletics having been saved, it became an entity in itself. Performances were given before alumni gatherings in New York and Hartford and before Smith College students in Northampton in addition to the regular Boston engagements. The Tech Show was an established activity.

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Sale includes our entire famous group of \$29.50 suits—two-trouser blues, two-trouser worsted chevots, four-piece sports suits, and our silk-lined, silk-faced tuxedos. All brand new Spring suits, all tailored with the expert care for which our \$29.50 suits are famous.

The new Spring topcoats represent extraordinary value both in material and tailoring. Genuine hand-loomed Harris tweeds, pure camel-hairs, fine worsteds, all cut and tailored according to our own specifications. Styles include the new raglan with military collar.

Second Floor — Store for Men

Walker Memorial Dining Halls
The center of TECHNOLOGY social life

Ideally Convenient

CALENDAR

Friday, February 24

5:00 P. M.—M. I. T. Gridiron Meeting, West Lounge, Walker Memorial.
6:30 P. M.—Crew Table Dinner, Grill Room, Walker Memorial.
9:00 P. M.—Alpha Phi Delta Dance, Walker Memorial.

Monday, February 27

5:00 P. M.—Dorm Dinner Club Dinner, Grill Room, Walker Memorial.
6:00 P. M.—Alumni Council Dinner Meeting, North Hall, Walker Memorial.

Tuesday, February 28

5:00 P. M.—Banjo Club Rehearsal, East Lounge, Walker Memorial.
5:00 P. M.—M. I. T. A. A. Meeting, North Hall, Walker Memorial.
5:30 P. M.—Alpha Phi Delta Meeting, West Lounge, Walker Memorial.
6:30 P. M.—Crew Table Dinner, Grill Room, Walker Memorial.
7:00 P. M.—Tech Show Rehearsal, East Lounge, Walker Memorial.

WHALING SHIP SERVES AS HOME OF STUDENTS

(Continued from page one)

of the "Bear". The sturdy oak planks have been worn down about two inches from their original level by the tread of men on the night-watch, who, having nothing else to do to keep them awake, have walked back and forth during the long nights. Many footsteps were required to wear down solid oak in this manner.

Showing his interviewer around the vessel, Clarke pointed out a thing of particular interest far up in the bow. Using an alternating current flashlight, once part of the South Pole Expedition equipment, Clarke lit up the inky blackness of the coal bunkers. The flashlight, clicking continuously as the spring-motor drove a tiny generator, showed the place where a huge brace had been cut out to be used as fuel for the "Bear" to complete one of its voyages.

"Bear" Built In Scotland

The "Bear," built at Greenock, Scotland, in 1874, was bought by the United States in 1884 to be used as a rescue ship for Lieutenant Greeley and his party of observers at Camp Conger. The boat was then at St. Johns in Newfoundland fitting out for a whaling cruise. A Scotch-built whaler was wanted for the relief expedition because the Scotch vessels were built to go into the ice, while the American-built whalers, operating in Bering Sea and the Arctic Ocean, were built to keep out of the ice.

The United States Government had offered a reward of \$25,000 to any vessel which might first reach the Greeley party. All the whalers were informed by Commander Schley, who commanded the relief expedition, that should any vessel of the whaling fleet reach Greeley first, he would recommend that the reward be paid, but that the vessels of his command would use every endeavor to be on the ground first. The "Bear" was considered the best vessel in the north, and was usually in the lead; in the few instances where, because of position and movements of ice, others led for a short time, the "Bear" was able to work around and, resuming her normal position, was the vessel first to reach the Greeley party.

Employed By U. S. in Coast Guard

Later employed in the United States Coast Guard Service in Bering Sea, the "Bear" went north and into the Arctic each spring and returned late in the fall from 1886 to 1926, with one or two exceptions.

In a short history of the "Bear" Capt. C. S. Cochran, U. S. Coast Guard, vividly describes the work which this sailing vessel was doing:

"Hardly a season passed that one or more vessels of the whaling fleet was not wrecked and the crew picked up, cared for, and returned to civilization. After the whaling fleet passed out of the picture, there were prospectors bound to Dawson, and later to Nome, who had to be helped and sometimes controlled."

In Danger At Point Barrow

About a later year in the service of the "Bear," Capt. Cochran writes, "As soon as ice conditions permitted, the 'Bear' proceeded north, arriving at Point Barrow, July 28, 1898, and moored to shore ice. While awaiting the arrival of the crews of the wrecked vessels, from shore, the wind shifted to westward, bringing in the icepack. But for the fortunate circumstance that the 'Bear' was in a pocket along the shore ice, which permitted the pack to form an arch on the outside, or Arctic Ocean side of the ship, I think the story of the 'Bear' would

have ended there. The pressure was such that the stern was lifted eighteen inches, and her sides pressed in so that the engine-room floor-plates were raised four inches. The ship was not released until almost three weeks later, when the wind shifted to the eastward, and with the survivors of the ill-fated whalers on board, she proceeded south, and arrived at Seattle, September 13, 1898.

Used By Many Pole Explorers

"In 1912, Steffanson was brought out on the 'Bear,' and in 1923 Amundsen was brought from Wainwright to Nome. At some time or other, most of the Arctic explorers and investigators have traveled on this boat.

"It was a commander of the 'Bear,' Captain Healy, who first suggested that reindeer be introduced into Alaska to furnish food and clothing for the natives, and while the project has been controlled and administered by the Alaska Division of the Bureau of Education, it was the 'Bear,' assisted by the 'Thetis,' that transported most of the reindeer from Siberia to Alaska. From these small beginnings the vast reindeer herds have sprung.

"In times of epidemic among the Eskimos, it was the 'Bear' that was called upon to carry food and medical aid to the suffering. Missionaries and school teachers, with their supplies, have been carried to their stations along the Arctic coast and outlying islands, and later when their tours of duty had expired, they were returned to Seattle or San Francisco.

"That the 'Bear' was well and strongly built, and that she was built for any service, has been amply demonstrated by her long and faithful service on both sides of the continent."

UNDERGRADUATE NOTICES

Voo Doo Elections

In the February issue, Voo Doo announces its new managing board, with William H. Mills, '34, as general manager, Robert M. Becker, '34, is managing editor, E. Philip Kron, '34, the business manager.

John Duff, '35, is treasurer, Richard F. Bailey, '35, advertising manager, Robert E. Lindenmeyr, '35, circulation manager, Donald M. Lewis, Jr., '34, publicity manager, A. Bradford Ellenwood, Jr., '34, literary editor, Wilfred Rapport, '35, art editor, George S. Trimble, Jr., '36, and Lewis B. Simon, '35.

A change in the date of the A.I.E.E. trip to the Lynn General Electric factory has been made from February 21 to March 1. A visit to the A. C. motor-production plant and the street lighting exhibit will be two features of the

Walton Lunch Co.

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You will find All Tech at
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332 Massachusetts Avenue
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437 Boylston Street
1080 Boylston Street
34 Bromfield Street
204 Dartmouth Street
540 Commonwealth Avenue
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*Convenient to Fraternity Men

MUSICAL CLUBS WILL HOLD CONCERT-DANCE

Join With B. U. Girl's Glee Club in Joint Concert

Boston University Girl's Glee Club will join the Combined Musical Clubs in giving a concert-dance to be held in Walker Memorial on Friday, March 3rd. The concert will include a program of selections by the Boston University Girl's Glee Club and the Technology Glee Club, Instrumental Club, and Banjo Club, followed by a dance lasting until two o'clock. The concert will begin at eight-thirty and will be followed immediately by the dance. Refreshments will be served at midnight. An admission of two dollars will be charged.

In the past six years, M. I. T. has joined Boston University in three successful concert-dances. A large number of students are expected to take advantage of the popular low price. Tickets are now on sale in the Main Lobby from twelve to two daily and will also be sold at the door.

UNIVERSITY OF WISCONSIN

Students in journalism last semester wrote enough material to fill 500 columns in the average newspaper.

trip. Everyone wishing to make the trip may sign up on the bulletin-board near Room 10-203 so that transportation may be provided. Those making the trip will meet in the Main Lobby before 12:15 P. M.

Positions as coxswains on the freshman crews are still open. The managers have stated that any first-year men weighing under 120 pounds are desirable candidates. The possibility of making several trips with the yearling crew this spring is an added incentive to any freshman desiring to try for the position. All men interested are asked to call at the boat-house as soon as possible.

Varsity Matmen In Last Home Meet Of Schedule Tomorrow

Face Brown Team in Hangar Gym; Three Men Fight Here For Last Time

In the last home match of the season, Technology's varsity and freshman wrestling teams will clash with the grapplers from Brown University, in the Hangar Gym tomorrow afternoon. The yearling team, which has a fine record to date, is scheduled to start at 2:30 o'clock against the Bruins' first year men, with the varsity match following.

Three varsity men will be seen in action on the home mat for the last time. They are Captain Herman Shea, 145-pounds, Niazi Mostafa, 155-pounder, and George Koller, heavyweight, all of whom will graduate this June. Each of these men has been active in the sport from his freshman year on, and their loss probably will be felt next year.

With a record of three victories and two losses to date, the freshman grapplers will strive to keep above the halfway mark in the win column. So far they are credited with triumphs over Browne and Nichols, Tufts freshmen, and Jamaica Plain, and with defeats by Harvard and Yale. George in the 118-pound class and Craig in the 135-pound division have won all but their Harvard matches, and give promise of developing into good men for next year's varsity.

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Near Kendall Square

PRESCOTT ANNOUNCES THIRD STRATTON PRIZE

(Continued from page one)

adjudged the winner. His paper was on a subject relating to Physics.

Last year the \$50 prize was won by Herbert M. Wagner, '32, in Electrical Engineering. The second prize of \$30 was awarded to Bernard S. Gould, '32, for a paper on Biology, while third honors were taken by Jacob Millman, '32, in the field of Physics. These men were adjudged the victors over 21 other men who had entered the contest.

CORPORATION XV. STARTS NEW PAPER

(Continued from page one)

"John D. is trying to get in on the Stock Contest. Seems as though Shurtleff is showing him up as an amateur."

This latter refers to the Corporation's Stock Contest where every member is given a hypothetical \$25,000 to play the market, the winner (i.e. these days, probably he who loses the least) receives a cash prize. Last year the winner won on a "flake" which would have lost him money were he playing on the Exchange.



Copley-Plaza

TEA DANCES

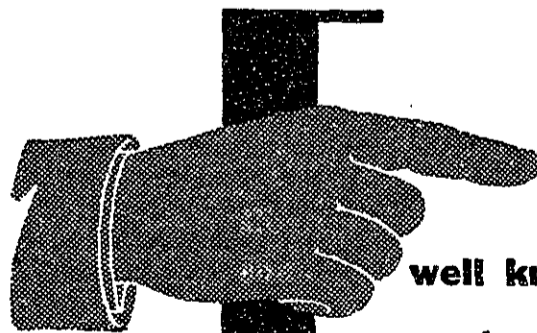
Every Saturday afternoon from four-thirty to seven

in the

SHERATON ROOM

Music by the ever popular Meyer Davis' Le Paradis Band under the direction of Joe Smith
SUPPER DANCES NIGHTLY

ISN'T THIS THE MOST IMPORTANT STATEMENT EVER MADE IN A CIGARETTE ADVERTISEMENT?



IT IS A FACT,

well known by leaf tobacco experts, that Camels are made from finer, MORE EXPENSIVE tobaccos than any other popular brand. We actually pay MILLIONS MORE every year to insure your enjoyment.

(Signed) R. J. REYNOLDS TOBACCO CO.
Winston-Salem, N. C.

BASKETBALL TEAM WINS OVER STRONG INDEPENDENTS FIVE

Come From Behind to Gain
43-42 Triumph in Last Home
Game of Year

FEUSTEL LEADS SCORING

Technology's varsity cagers rang up another surprise victory Saturday night in the Hangar Gym when they barely nosed out a strong Crimson Independents team in a thrilling finish, 43-42. In the first half the Engineers did much better than the Independents, but in the second the latter made a comeback, went into the lead, and were downed only in the last minutes of play.

The first ten minutes of the game found the teams on even terms; but at that point the Engineer defense tightened and the opponents were unable to make only one more point in that half, at the end of which Technology was leading by 20-11.

Opponents Stage Rally
At the very first of the second half it looked as though the Engineers were attempting to make a rout of the game as Co-captain Fred Feustel sank two baskets in quick succession. The Independents soon came to life, however, and with Hill, left forward, leading the attack they brought the score up to 24-23, when a long shot by Hill put them in the lead.

The two teams battled on even terms for awhile, and then, with Woodruff leading them, the Independents began to push ahead until they had a 36-29 advantage. At this point Bob McIver was sent in at center, and his ability to outjump Peckham proved of great value in the ensuing rally. Two field goals and a foul shot by Feustel and a field goal by Amenta tied the score, and a successful try on a free throw by O'Brien sent the Engineers into the lead. Amenta and Feustel made three more baskets and the score was 43-39 for Technology.

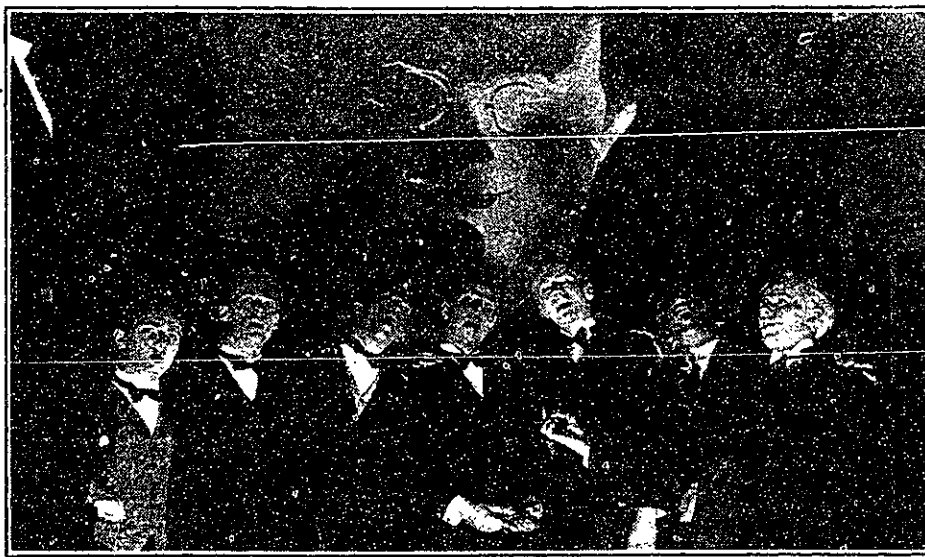
Amenta Out On Fouls
Then with three minutes to play, Amenta was forced out on personals and Oldham took his place. Oldham fouled Burch, and the latter converted one of his shots to make it 43-40. The

TECHNIQUE PLANS SIGN-UP CAMPAIGN

Students Will Be Given The
Opportunity of Signing
Up This Week

On Wednesday and Thursday of this week, Technique is planning to run another sign-up campaign in order to get more subscriptions for the year-book. Cards announcing this campaign have been sent to most of the members of the student body. By signing up for the Technique now, one can save a dollar on the regular price of the book and it is hoped that many will take advantage of the offer.

According to a member of the managing board, the 1933 Technique will be the most complete record of the school year that is possible to obtain regarding both students and faculty. The book will be so arranged as to specify all the courses given at the Institute. The cover will be of a black Morocco leather finish and the use of color in the book will be given as much thought as the plans for page layout. Reading matter will be cut to a minimum and a complete rearrangement of paging is planned in order to make the volume more attractive.



The faculty under the guiding eye of the dean, left to right, W. M. Nelso, '36; F. L. Phillips, '36; J. T. Waram, '36; A. R. Applegarth, '35; G. G. Bull, '34; P. C. V. Greuter, '34; C. L. Austin, '36.

Tech Show's "Fancy That" Promises Hilarious and Dramatic Production

**Redheads Featured
Alluring Blondes, Brunettes,
In Chorus**

With comely chorus girls parading about the floor and practicing their steps, Walker Memorial Gym was transformed last Sunday into a scene of activity and burlesque by an informal rehearsal of the 1933 edition of Tech Show, "Fancy That." Photographers were busy during the afternoon snapping scenes of the show, many of which hint of a hilarious and dramatic representation.

At one point of the comedy, three burly soldiers, trousers tucked in



R. M. Emery, '34; H. J. Orzorzaly, '35.

heavy black and red striped woolen socks, crept up armed with pistols and rifles upon two fair nurses who did their best to appear horrified. The

(Continued on page three)

DICK BELL TAKES FOURTH PLACE IN FAST A.A.U. DASH

Is First Technology Sprinter
To Place in National
Championship

TOPS OLD MARK IN HEAT

Running against the strongest field of sprinters he has ever faced, Captain Dick Bell of the Technology track team gave what was probably his best performance of the year by placing fourth in the 60-meter dash at the National A. A. U. indoor championships, which took place in New York last Saturday evening. This is the first time a Technology sprinter has ever gained such an honor.

Bell began his evening's work by taking the fourth trial heat in 7 seconds flat, which eclipsed the old world's record for the distance. His time, however, was bettered by several men in the other heats and in the final. The old mark, because of the very recent introduction of metric distances here, had not been any too excellent.

Runs Against Wykoff
Having thus qualified for the quarter-final

Notre Dame Junior Prom Bars Corsages

The depression has cut deep inroads into the dances of colleges throughout the country. Notre Dame, by popular request of the student body, barred corsages at its recent Junior Prom, which was one of the highlights of the school's social season.

Yale, Harvard and Princeton have already decided against corsages at class dances. It is expected that other schools will follow suit.

Former Technology Student Chosen By Roosevelt As Budget Director

It was announced last Thursday by President-elect Roosevelt that Representative Lewis W. Douglas, a graduate of Amherst College in 1916 and a special student at Technology in 1917, would be his budget director. Douglas, who is representative from Arizona, where his parents had mining interests, studied in Mining and Geology courses while at the Institute.

Now working at Washington on re-organization data, he will have completed six years in the House of Representatives when he becomes budget director March 4, although he is only 39 years old. As director of the budget, he, regarded by Mr. Roosevelt as one of the best posted men on economy and government, will be the president's personal handler of the nation's purse-strings.

FILMS ILLUSTRATE NOBEL PRIZE WORK

Professor F. A. Magoun Asks
Presence of Faculty,
And Students

Moving pictures of Dr. Ivan P. Pavlov's famous experiments in physiology will be shown in Room 5-330 today and tomorrow at one o'clock. The films specifically illustrate the work for which Dr. Pavlov was awarded the Noble Prize.

Professor F. A. Magoun, who is in charge of the Humanics class for whom the pictures were obtained, invites the faculty and student body to share with the Humanics class the opportunity to see pictorial reproductions of "what is considered by a large majority of the body of competent opinion to be the most remarkable and significant series of experiments yet devised to illustrate how and why we react to our environment as we do."

As director of the Physiological Laboratories in the Russian Academy of Science Dr. Pavlov carried out these classic experiments which have given us our present understanding of conditioned reflexes.

Once he subjected a dog to the unpleasant sensations of electrical shock, repeating this several times, always accompanying the shock with the sound of a beating metronome; Eventually the beat of the metronome alone was sufficient to produce all the signs of discomfort originally caused by the electric shock.

FOURTEEN DANCE PROGRAM CARDS TO FEATURE PROM

155 Sign-ups Recorded; Enough
To Clear All Debts
States Asch

FEW ACCOMODATIONS LEFT

A program of fourteen dances will feature the 1933 Junior Promenade on March 17 in Walker Memorial. Added to the program card there is room for six extra dances if there is enough time to carry out the full card. These cards will be distributed at the redemption which will be held from March 9 to 11.

Budget Shows No Loss

With the close of signups on Saturday, a total of 155 were recorded. This, according to Edward L. Asch, '34, chairman of the Prom Committee, will produce a large enough income to clear all expenses. Any surplus, said Asch, will be reinvested in the Prom. This is in direct contrast with the financial condition of last year's Prom, where admission was collected from only 132 couples. There was a slight net loss, in spite of the much higher tariff.

Although signups are closed, there are still accommodations left for a few more couples, and these can be obtained from Mr. Asch. The maximum that will be seated is 180 couples.

First Formal Affair

Open house has been granted for the dormitories on the night of the Prom, as this is the first really formal affair of the Institute year. The Burton Lounge will be open until a late hour.

There are still a few points about the Prom which are not entirely cleared up. Tech Show, as previously reported, will not produce on the night of the Prom, and the management of Dramashop has failed to take a stand one way or the other. In this issue of THE TECH there appears a story concerning the banning of corsages at the Junior Proms of several of the larger universities. No action has been taken in this direction by the committee.

B.U., M.I.T., COMBINE IN CONCERT-DANCE

Joint Concert and Dance With
B. U. Girls' Glee Club
On March 3rd

Announcement of the program for the coming joint concert to be held March 3 in Walker Gym with the B. U. Girls' Glee Club was made by the Combined Musical Clubs today. The participants of the concert will include the B. U. Girls' Glee Club, the Instrumental Club, the Banjo Club, and the M. I. T. Glee Club. The M. I. T. Glee Club has just returned from the Inter-collegiate meet at Springfield where they placed third. The program is as follows:

- Banjo Club—Soldiers Farewell, Hungarian Dance, Gondolieri, and Blue Streak.
- B. U. Girls' Glee Club—A Laughing Song, I'm So Glad Trouble Don't Last Always, and Mellican Man.
- M. I. T. Glee Club—Yea Cast Me from the Heights of the Mountains, Home on the Range, and Laudamus.
- Soprano Soloist (Marie Oliver, coach of the B. U. Girls' Glee Club)—Pagoda Bells, Chimise, A Feast of Lanterns.
- Instrumental Club—Valse Triste, Triplets of the Finest, Ship o' Dreams, L'Automne et l'Hiver.
- Banjo Soloist—(John Haines).
- B. U. Girls' Glee Club—Processional, Slumber Song of the Madonna and The Joy of Spring.
- M. I. T. Glee Club—Take Me Back to Tech and Stein Song.
- Matrons for the evening will be Mrs. Ralph T. Jope, Mrs. Rhyne J. Killian, Jr., Mrs. Albert C. Sherman, Jr., and Mrs. John P. Marshall.



L. W. DOUGLAS, '17

PHYSICAL SOCIETY ELECTS OFFICERS

Model Eclipse Projection Is
Planned for Open
House

Stuart T. Martin, '34, was elected president of the Physical Society at a recent meeting of that organization. George E. Valley, Jr., '35, was elected vice-president, and Robert R. Cull, '34, is new secretary-treasurer. The executive committee comprises, in addition to above-named officers, David R. Tashjian, G; Robert W. Tripp, '33; Lester Tarnopol, '34; and Charles S. Sutton, '35.

The members of the organization will construct a number of exhibits for the coming Open House, May 6, which will include an eclipse projector which will utilize rear projection. Here will be seen a complete display of Bailey's Beads, the corona, and solar prominence as they occur in nature.

Dormitory Rentals Are Reduced For Next Year

Dormitory rentals will be reduced twenty dollars next year for all single rooms except those in Holman, Nichols, and Crafts, according to a bulletin issued yesterday by the Dormitory Board, of which Professor Leicester F. Hamilton is chairman.

Under the new Graduate Housing Plan, Holman, Nichols, and Crafts, which will be reserved for graduate students, will be refurbished. A new lounging room and library will be provided.

Undergraduates wishing to retain their present rooms in the dormitories should make reservations at the Dormitory Office before noon, March 4. Rentals for double and triple suites are also included in the notice which was circulated yesterday in the dormitories.

A Record of Continuous News Service for Over Fifty Years



Official News Organ of the Undergraduates of M. I. T.

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It isn't often that we are stirred to verse, and much less often that we really strike something that can be best expressed in that strange literary anomaly called free verse, but this time, this time we have it.

The following was composed but yesterday, at five of an afternoon that we had expected to spend in quiet enjoyment of the New York Philharmonic. Mayhap you can appreciate the depth of our emotional fervor.

Lines to an Afternoon Spent in the Attempt to Listen to Good Music, but Interrupted at Intervals by Beves of Females not Appreciative.

Oh, what ecstasies are these!
What raptures of female giggings
And titterings
And babblings
And gabblings.

What talkings progress and gossips spread!

Enhancing the charm of Shubert and Brahms

In a way to make these masters dead

Rotate, in their respective graves,
At several R. P. M.

And so the concert ends:

The company departs—

"I just love good music!"

"Wasn't it divine?"

Such wonders of music!

Oh transports of joy!

Tee hee tee hee

Babble babble

Titter titter

Gabble gabble.

It was not so long ago that we had the privilege of attending that most excellent institution of Emerson college, known as the children's theater. This endeavors to produce dramatizations of the well-known children's fairy stories. Perhaps, dear reader, you may recall some of them.

The performance which we particularly call to mind was a rather nice one, the title of which was, if we are not mistaken, "The Bluebird". The story concerns the search by Hansel and Gretel, for the blue bird of happiness.

Needless to say, the age of the audience is somewhere under ten years, which is commonly supposed to be the First Innocence. However, we are not so sure.

On our left sat a most prim little lady, whose eyes beamed at the stage from behind horn-rimmed spectacles, and whose critical little countenance soberly regarded the unfolding drama with rapt interest.

We warmed to such a feeling of innocent sympathy. Way down deep inside there glowed that spark of a maturer understanding which witnessed the spectacle of a child, beholding the world as it should be, and made the beholder feel that some of the drabness, the shabbiness of this life, was perhaps, worth enduring.

But the action moved on, and little Hansel and Gretel came to that part of their story where they must prepare for bed in the woodcutter's hovel which was their parent's home.

Simultaneously, Hansel and Gretel stripped their outer garments, revealing a most modest display of bloomers and jerseys. Simultaneously we heard a short sharp gasp on our left, a little catch in the breathing, a smothered expression of surprise and disapproval.

We looked again, cautiously, but our neighbor had not changed her attitude. She sat there still, hands primly folded in lap, head and shoulders erect, but the little face, could we be sure? wore, we thought, just the least shade of disapproval, a slight indication that something was not as it should be.

The spark within us died, the significance of the play had vanished; for us, at least, the feeling of spiritual welfare sighed and departed as we mentally pictured the entire audience gasping subduedly at the immoral implications of this terrible play.

Open Forum

In opening its columns to letters addressed to the Editor, THE TECH does not guarantee publication of any communication nor does it necessarily endorse the opinions expressed. Letters on subjects of interest to the student body are welcome if signed. However, if the writer so desires, only the initials will appear on publication.

To the Editor of THE TECH:

It seems as though the Advisory Council on Athletics has been woefully lacking in the performance of its duties with respect to crew. Under article 2 of its constitution, the Council is described as having the power to regulate the general athletic interests of the students of M. I. T.; to exercise supervision over the management, and to have final jurisdiction in all matters pertaining to Technology sports. In respect to crew at least, the Council, although possessing the power to aid tremendously, has been content to remain inert and lifeless.

I do not mean to say that it has been niggardly in making available money for equipment—rather the reverse—instead of wasting this money under the present coaching system, why not donate it to the unemployed? Judged by customary business practice, the Council has not acted in the best interests of crew as one of our major sports. Can anyone imagine the owner of a business entrusting for nine years all important matters of direction in a man whose record indicated no latent ability, and after witnessing the steady decline of the business, retaining the man year after year? Yet, this is exactly what the Council has done in the case of crew. It cannot be correctly informed if it allows the old system to be retained year after year.

It is not to be expected that the Council keep an under-cover man at the boathouse, yet, it would seem that something more than the present total lack of contact should be maintained. Does the Council know the following, for example?

That the majority of our small crew squad has no faith in the coach? (It takes a confidential inquiry from one to get this information.)

That this is the first year in the memory of veteran crew men when we did not at this time have at least a third heavy varsity? The oarsmen, although quite numerous at school do not seem desirous of competing for places on the J. V. boat, even if it is a letter boat.

That training table was started this year, and had to be discontinued due to lack of attendance, and is to be resumed when TEN men will agree to come steadily? Perhaps hard times are the reason—perhaps not. Etc., etc.

This is the direct result of the failure of the Council to act in the best interests of the sport. It would seem as though they are waiting for our crew men to catch some opponent on an off-day, and maybe win a race. This would, I suppose justify another 9 year spell.

I feel sure that the criticisms which have been appearing in THE TECH have been constructive ones. Such is the intention of this letter, also. Crew is an ideally suited sport for Technology. It requires a relatively short period of not too strenuous intensity, daily. This hard work idea is overdone. We have had good crews, and can have them again under a competent coach.

The 150 lb. varsity of '26, and the J. V. crew of '30 were GOOD crews, yet they didn't train to death, or get kicked out of school as a result. The present coach had nothing to do with the former crew, and very little to do with the latter. In fact, it has been said that the less coaching a crew gets here, the better it is. I hope that this letter is accepted in the spirit in which it is written, a sincere desire to place Technology crews in their proper

TECH DINER

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As We Like It

PLYMOUTH THEATRE

"The Queen's Husband"

A year ago Dramashop presented "The Queen's Husband". Unfortunately we did not see that production and can make no comparisons with the current presentation of the same play at the Plymouth Theatre.

The play itself has several weaknesses. It is trivial where it might be penetrating and the dialogue does not always do justice to the situation. The portrayal of the King leaves something to be desired. He appears in the first act as a childish, foolish man, good-natured and humanitarian, but with no comprehension of the problems of state. He seems comparable to the Russian Czar who recorded his fishing catch in his diary when the people were clamoring for a Duma and threatening the state with revolution. One is not prepared to find the King a strong, clever man in the third act and can hardly believe him the adequate statesman he turns out to be.

The second act is the strongest most forceful part of the play. It works up at a swift pace to an excellent climax and ends grandly at the psychological moment with the King on the balcony greeting his placated people. We could desire a more beautiful setting for this particular moment but that provided by the presentation is adequate enough.

The plot and its resolution sustain the interest well in the third act. Again we feel that the dialogue was unequal to the plot. It is in this respect that the play is decidedly inferior to Shaw's "The Apple Cart", in reference to which the management declares that Sherwood, author of "The Queen's Husband", has been called "Shaw in short trousers."

The acting of the parts is capable enough. The casting might, however, in our opinion been more fortunate.

D. R.

FACULTY CLUB HEARS MAYOR OF CAMBRIDGE

Mayor Richard M. Russell of Cambridge, discussing the Proposed Reorganization of the city departments in this city, will be the chief speaker at the faculty club luncheon today in the North Hall of Walker Memorial.

Mayor Russell was born in Cambridge, educated at Harvard University, and served overseas as an officer during the World War.

places in intercollegiate competition—not as continual winners, but as RESPECTED competitors.

Very truly yours,
J. A. P., '34

Editor's note: We feel that J. A. P. has been carried away by his feelings upon the subject of crew, and has become violent. His reasoning is a bit poor in spots. We would welcome discussion from another angle.

Editor:



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WHILE OTHERS TALK

THE crew situation, like a sore boil, seems to be breaking out in full force. As a result of Mr. Perkin's request for intelligent discussion, there has been considerable interest shown through the "Open Forum" column. In questioning the members of the present crews, we find that they are willing to take a back seat and let others do all the talking about a subject which affects them directly. The reasons for this are clearly evident, but with matters as they are, there must be some reaction among those intimately connected with the sport itself. The accusations as presented at least warrant an answer, which does not seem to be forthcoming.

Dick Bell Places In A. A. U. Dash

DICK BELL TAKES FOURTH PLACE IN FAST A.A.U. DASH

Is First Technology Sprinter To Place In National Championship

(Continued from page one)

ter-finals, Bell was pitted against Frank Wykoff, who holds the world's outdoor record at 100 yards, and almost succeeded in beating him. As it was, Wykoff won by several inches in 6.8 seconds, so that this race probably marked Bell's best time of the evening.

In the semi-finals, Bell came up against Ralph Metcalfe of Marquette University, the colored star of Olympic Games fame. Again Dick came through with a brilliant race, beating out Earl Widmyer of Maryland for second place and thus qualifying for the final. This left only four men entered in the final race, with Bell as one of them.

Bell Finishes Fourth

Metcalfe went on to win the title with a new world record of 6.7 seconds, being closely followed by Emmett Toppino, defending sprint champion. Bell gave Wykoff another close fight for third place, but was beaten by a small margin.

Bell, by virtue of his work Saturday, becomes the first Technology sprinter to ever gain a place in a National A. A. U. meet. If he gives as good a performance next week at the I. C. 4-A meet, he may become Technology's first intercollegiate sprint champion, for the leading college sprinters were entered last Saturday, but none were able to equal Bell's work.

TECH SHOW PROMISES HILARIOUS PRODUCTION

(Continued from page one)

soldiers looking somewhat like boy scouts, wore gas masks and tin hats for protection and added to the scene an atmosphere of reality.

Chorus Girls Act Sophisticated

A number of internes, arrayed in white and resembling barbers, went off to one side of the gym to conduct an unofficial practice of their steps, while the leading lady and chorus girls which include blondes, brunettes and red-heads, strolled about with an air of sophistication. Paul Lappe, the manager of the show, attempted with some success to infuse the ladies with more of the "come-hither" languor than they achieved by their own efforts.

Two of the young ladies drew the attention of the gathering by exercising with the weights. Robert Emery, the leading lady, attired in a spotless white nurse's uniform, quite destroyed his effect of demureness by smoking a strong cigar.

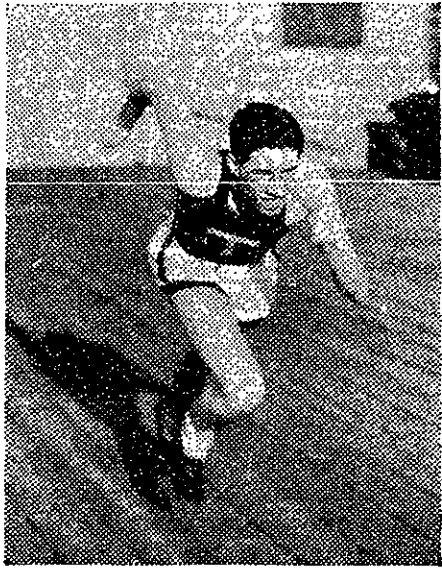
Technology Faculty Represented

Quite in the tone and tempo of the varied scenes, Professor William C. Greene, dramatic coach of the show, walked in to watch the proceedings, wearing a massive coonskin coat, a green woolen stocking hat, and his trousers tucked in heavy socks. Some of the members of the faculty represented in the show appeared so true to life that one of the managing board feared that some outsiders had slipped in to get a glimpse of their caricatures. Their swallow-tailed coats, sober expressions together with high foreheads and grey hair added to the effect of reality.

Internes Act Also As Porters

A minor change of attire transferred the several internes into porters who with brooms, went through another practice of their steps using the brooms for support and swinging around them like pole-vaulters. A posing for a photograph of the whole chorus caused the managers and coaches much consternation because of the unfeminine postures of the chorus girls, which had to be corrected before

Gets Place In National A. A. U. 60 Meter Dash



RICHARD BELL, '34

CAGERS TOP CRIMSON INDEPENDENTS 43-42

(Continued from page one)

Engineers strove desperately to hold off the strong attack of the Independents, and did so successfully until about fifteen seconds before the end of the game when a foul by Oldham on Burch again gave the latter two free throws, which he converted as the final whistle blew, making the score 43-42.

Outstanding players for the Engineers were Co-captains Fred Feustel and Adam Sysko. The former was high scorer of the evening, gathering twenty points, while the latter played an even better defensive game than last week, besides which he tallied seven points from his guard position. Feustel was superb for Technology on the offense, and was very effective under the basket.

Shaughnessy Totals Eight Points

Tom Shaughnessy at center played his usual fine defensive game, while at the same time managing to make four baskets on some very heady playing. Pat Amenta was very effective for Technology in that last minute scoring rush, and at the same time was a big help in keeping down the Independents total. Gene O'Brien was covered very well by Biesel, former Dartmouth ace, and was able to make only three points on free throws.

The Engineers showed plenty of teamwork and co-operation, and this was responsible for many of the tallies. This victory gives the Engineers a record of nine wins and two losses to date. The final game will take place Saturday, when they travel to Durham, New Hampshire, to take on the strong New Hampshire team.

The freshmen traveled to Tilton, New Hampshire, where the strong Tilton Academy quintet defeated them 39-25.

M. I. T.			
	gls	fts	pts
Feustel, rf	8	4	20
O'Brien, lf	0	3	3
Shaughnessy, c	4	0	8
Murphy, c	0	0	0
McIver, c	0	0	0
Sysko, rg	2	3	7
Amenta, lg	2	1	5
Oldham, lg	0	0	0
Totals	16	11	43

CRIMSON INDEPENDENTS			
	gls	fts	pts
Mounts, lg	0	4	4
Biesel, rg	2	0	4
Weddell, rg	0	0	0
Peckham, c	3	1	7
Hill, lf	4	1	9
Woodruff, rf	5	2	12
Burch, rf	1	4	6
Totals	15	12	42

the camera could be brought into use.

In another photograph which was a closeup of the leading lady, all the sweetness and demureness of the Gwendolyn was brought into play.

The Tech Show orchestra which has been practicing its numbers since last September has received an engagement to broadcast a program of the show's numbers. Eugene Clarke, leader of the orchestra and composer of some of the music, has come to know his numbers so well that instead of holding the music before him, has propped up a copy of "Introduction to Chemical Engineering."

Track Men Break Three Records In Inter-class Meet

Johnson Beters Two Marks As Freshmen Win; Wrigley Is High Scorer

Three meet records were smashed and several others were equalled as the strong freshman entry copped the annual Winter Inter-class Track Meet, held on the Institute boards last Saturday afternoon. The winning class amassed 64½ points to 58½ for the Juniors, 29 for the Sophomores, 13½ for the Seniors, and 4½ for the graduates.

Stanley Johnson, versatile freshman, set two new records, only to see each one equalled by another competitor a short time afterward. After Johnson had run the 60-yard low hurdles in 7 1-5 seconds to eclipse Charley Hill's old figure, Harner Selvidge, G, equalled the mark in the very next heat. Johnson went on to win the final from Hill in a close finish, again in the record time.

New Broad Jump Mark

In the broad jump, Johnson leaped 21 feet 3½ inches to better the record of 20 feet 6 inches set up by Walter Wrigley last year. A few minutes later Wrigley himself equalled Johnson's jump to keep at least a partial hold on the meet record.

Wrigley proved to be the individual high scorer of the day, with 14½ points. He won the 300-yard run, tied for first in the broad jump, took second in the 50-yard dash, and placed fifth in the shotput. Other high scorers were Johnny Barrett with victories in the 1000-yard and 1½-mile runs, Johnson with 9½ points, and Ed Pierce with 8½ counts.

Rimbach Wins Dash

Ted Rimbach was the third record-breaker, taking one heat of the 50-yard dash in 5 3-5 seconds to beat Dick Bell's time of 5 4-5, made two years ago. Rimbach also won the

final, equalling the old mark. The weather hindered the running events somewhat, but Ed Walsh in the 600 and Bob Mann in the mile gave very good performances in winning.

Summaries of the meet:

45-yard high hurdles—Won by Crosby, '34. No other entrants finished. Time—6 3-5s.
50-yard dash—First heat—Won by Fick, '36; second, Svenson, '36. Time—6s. Second heat—Won by Brown, '36; second, Wrigley, '34. Time—5 4-5s. (Equals meet record.) Third heat—Won by Rimbach; second, Wrigley; third, Runkle; fourth, Svenson; fifth, Fick. Time—5 4-5s.
60-yard low hurdles—First heat—Won by Colby, '35; second, Crosby, '34. Time—7 2-5s. (Equals meet record.) Second heat—Won by Hill, '34; second, Brown, '36. Time—7 2-5s. (Equals meet record.) Third heat—Won by Johnson, '36; second, Selvidge, '32G. Time—7 1-5s. (New meet record.) Heat for second men—Won by Selvidge, '32G; second, Brown, '36. Time—7 1-5s. (Equals new meet record.) Final won by Johnson; second, Hill; third, Selvidge; fourth, Colby; fifth, Brown. Time—7 1-5s. (Equals new meet record.)
1000-yard run—Won by Mann, '34; second, Talbert, '35; third, McCulloch, '36; fourth, Alden, '35; fifth, Stewart, '36. Time—4m. 43s.
600-yard run—First heat—Won by Walsh, '33; second, Williams, '36; third, Rust, '36. Second heat—Won by Sousa, '34; second, Blair, '35; third, Hitchcock, '36. Final (on time)—Won by Walsh, 1m. 18 4-5s.; second, Sousa, 1m. 21 3-5s.; third, Blair, 1m. 22s.; fourth, Williams, 1m. 22 1-5s.; fifth, Hitchcock, 1m. 24 8-5s.
1000-yard run—Won by Barrett, '34; second, Mather, '34; third, Boyajian, '35; fourth, Hamilton, '36; fifth, Gilman, '36. Time—2m. 33s.
300-yard run—First heat—Won by Hazen, '36; second, Hitchcock, '36; third, Stritler, '35. Second heat—Won by Wrigley, '34; second, Svenson, '36; third, Beckman, '36. Final (on time)—Won by Wrigley, 34 4-5s.; second, Svenson, 37 1-5s.; third, Hazen, 37 2-5s.; fourth, Beckman, 37 3-5s.; fifth, Hitchcock, 39 2-5s.
1½-mile—Won by Barrett, '34; second, Mann, '34; third, Talbert, '35; fourth, Hain, '36; fifth, McCulloch, '36. Time—8m. 46 4-5s.
High jump—Tie for first among Pierce, '33; Clapp, '35, and Shervurme, '36; fourth, Ray, '36; fifth, Donnan, '36. Height—5ft. 8½in.
Pole vault—Won by Donnan, '36; second, tie between Pierce, '33 and Stark, '35; fourth, tie between LeBlanc, '36 and Cree, '32G. Height—11ft. 6in.
Running broad jump—Tie for first between Johnson, '36 and Wrigley, '34; third, Ball, '34; fourth, Brown, '36; fifth, Pierce, '33. Distance—21ft. 3½in. (New meet record.)
Shot put—Won by Alschuler, '35; second, Brown, '36; third, Wagner, '36; fourth, Graham, '36; fifth, Wrigley, '34. Distance—37ft. 10½in.

SQUASH TEAM BEATS TRINITY AGAIN, 3-2

Technology's varsity squash team bettered its record over the past weekend by chalking up two victories. On Friday the Faculty team, minus its best man, was taken into camp by a 4-1 score, and the following afternoon the men travelled to Hartford and once more defeated Trinity College, 3-2.

In the Trinity match, the same players who won in the previous match again turned in victories. Ed Lucas, Dave Ingalls, and Irving Newman were the winning Engineer players, with Wood and Eder losing. The extreme evenness of the match is shown by the fact that not a single man was able to win in straight games. Coach Jack Summers played an exhibition match with the opponents' coach, Paul Callinan, after the match.

Week-end Sports Results

Basketball

M. I. T. 43, Crimson Independents 42.
Tilton 39, M. I. T. Freshmen 25.

Wrestling

M. I. T. 19, Brown 11.
Brown Freshmen 18, M. I. T. Freshmen 14.

Boxing

Army 8, M. I. T. 0.
New Hampshire Freshmen 6½, M. I. T. Freshmen ½.

Gymnastic

Army 44, M. I. T. 10.

Squash Racquets

M. I. T. 3, Trinity 2.

Inter-Class Track Meet

Freshmen 64½
Juniors 58½
Sophomores 29
Seniors 13½
Graduates 4½

Boit, Dalton, Church & Hamilton

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VARSITY MATMEN TOP BROWN 19-11

Score Second Triumph in Final Home Meet As Freshmen Lose by 18-14

Technology's varsity wrestling team won its second meet of the season last Saturday afternoon when it defeated the Brown team in the Hangar Gym by the comfortable margin of 19-11. The Engineers showed some very fine wrestling, especially in the lighter classes, and won the first three varsity bouts easily. Before the varsity match the Brown freshmen defeated the M. I. T. freshmen 18-14.

Marderosian, 118-pounder, and Ripin, 126-pounder, did fine work in beating their men by fall and time advantage respectively. The feature match of the afternoon, however, occurred in the 145-pound class in which Captain Shea of Technology was defeated by Staniels of Brown, last year's New England freshman champion in his class. It was a battle of scissors experts, Shea with his well-known cross scissors ride and Staniels with a very effective figure four.

The summaries follows:

118—Marderosian (T) threw Linkhamper, 9m. 20s., with a half nelson and body press.
126—Ripin (T), defeated Paticagli, on time advantage of 8m. 20s.
135—Shepherd (T), defeated Quillan, on time advantage of 6m. 51s.
145—Staniels (B), defeated Shea, on time advantage of 3m. 50s.
155—Mostafa (T), threw Impagliazzo, 9m. 17s., with a half nelson and crotch hold.
165—Poole (T), defeated Broomhead, on time advantage of 6m. 45s.
175—Woodward (B), threw Winkler, 5m. 18s., with a half nelson and crotch hold.
Unlimited—Hay (B), defeated Koller, on time advantage of 2m. 41s.
FRESHMAN
118—George (T), won from Haines by forfeit.
126—Santelli (B), threw Kanters, 8m. 53s., with an arm hold and arm lock.
135—Zooloomian (B), defeated Craig, on time advantage of 2m. 26s.
145—Boyan (T), defeated A. Green, on time advantage of 8m. 28s.
155—Christensen (T), defeated Neal, on time advantage of 7m. 42s.
165—C. Green (B), threw Arnold, 9m. 43s., with a reverse double arm bar.
175—Henshaw (T), defeated Whitcomb, on time advantage of 5m. 56s.
Unlimited—Olsen (B), won from Sylvester-wich by forfeit.

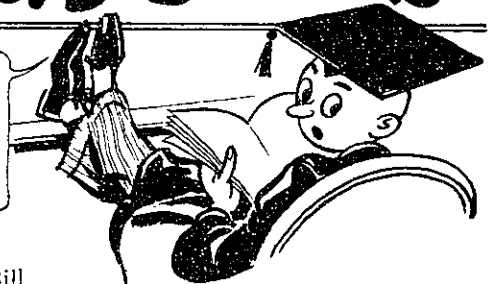
BEER PARADE

After planning a demonstration and parade in favor of the return of beer, Amherst students invited the faculty to join with them and also petitioned for the suspension of classes.

Where Tech Men Go—
KENMORE BARBER SHOP
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How To Avoid BONERS

AN INCUBATOR IS SOMETHING YOU BURN RUBBISH IN



TSK! TSK! Isn't it too bad! Bill Boner thinks a blizzard is something you find inside a fowl!

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Which is only natural—for in all tobaccodom there's no blend like the mixture of fine old burleys found in Edgeworth. In that difference there's a new smoking satisfaction, a new comfort, for the man who likes to

think and dream with a pipe between his teeth.

Buy Edgeworth anywhere in two forms—Edgeworth Ready-Rubbed and Edgeworth Plug Slice. All sizes—15¢ pocket package to pound humidior tin. If you'd like to try before you buy, write for a free sample packet. Address Larus & Bro. Co., 120 S. 22d Street, Richmond, Va.



EDGEWORTH SMOKING TOBACCO

ILLINOIS AUTHOR TO TALK ON PROSPERITY

Taking as a subject "Prosperity is Just Around the Corner", Mr. Carl S. Vrooman, author, farmer, and publicist, will speak tomorrow at 3 o'clock in room 10-250.

He has been writing on subjects of public interest since 1894, having in that time contributed numerous articles to such periodicals as the Outlook, The Century, Review of Reviews, and The Twentieth Century Magazine.

Serving in the capacity of Assistant Secretary of Agriculture from 1914 till 1919, Mr. Vrooman, who now resides in Bloomington, Illinois, spent eight months in Europe during and after the war surveying conditions there.

Students in Lehigh University are becoming interested in archery. A regulation type target has been procured, and if the sport becomes popular enough, team matches are to be arranged.

UNDERGRADUATE NOTICES

Chess, Chinese, Outing, Polo Clubs

Any member of the Chess Club, the Chinese Student's Club, the Outing Club, or the Polo and Riding Club who is still in the Institute will find an important message awaiting him at the Superintendent's office. The Institute Committee is endeavoring to get in touch with the above activities and has taken this means of getting a report on the proceedings of these societies.

S. A. E. Meeting

At its regular weekly meeting tomorrow in Room 3-270, the Student Branch of the Society of Automotive Engineers is having a discussion of the new models of the cars in the low-priced field; that is, those listing at \$600 or under. Mechanical details, sales features, and prices as delivered in Boston will be given and commented on. As most of the information will

be taken from inspection of the cars or from trade journals, rather than from catalogs, the defects as well as the good points should come out in the discussion. The following cars will be discussed: Austin, Continental, Willys, Ford, Chevrolet, Essex, Plymouth, and Rockne. The comment should be of interest not only to those concerned with the Automobile Industry itself, but also to those who may be thinking of buying a car in the near future.

Socialist Club

Glen Trimble, well known Boston Socialist, will speak at a meeting of the Technology Socialist Club to be held Wednesday, March 1, at 4 P. M., in Room 4-131. His subject will be "Engineers and World Chaos." All who are interested are invited to attend.

When students of the State University of Montana held a beauty contest recently, an admirer of one of the candidates made off with approximately one hundred and fifty ballots.

T.C.A. CABIN BEING USED CONTINUOUSLY

The Tech Cabin has been in continuous use during the past week, due in part to the fact that Cambridge schools have had a holiday. In addition, last week-end nine Chinese students, headed by Frank Der Yuen, '33, visited the camp and remained over Saturday and Sunday.

Fifteen Hi-Y boys from the Cambridge Y. M. C. A., under the leadership of Glenn C. Perdyne, assistant director of athletics, are using the cabin for three days beginning yesterday. Thursday and Friday a group of senior leaders from the Somerville Y. M. C. A. will vacation there. Next week end a group of graduate students, headed by Leo Jurgenson, will go to Lake Massapoag, Friday night and remain until Sunday night.

The equipment taken recently from the cabin has all been replaced, and in addition two 8 quart cans for carrying water up from the lake have been provided by P. R. Ziegler, '00, chair-

man of the T. C. A. advisory board. Water must be secured from the lake during the winter, since the pipes are laid just beneath the surface of the ground and would freeze if used. The cans have "T. C. A." welded on them in brass letters to forestall any attempt to purloin them.

More Popular Than Ever
With Tech Men
The
CAFE DE PARIS
Conveniently Located
at
165 Massachusetts Ave.



ILLUSION:

The Oriental girl reclines on a sheet of plate glass supported by two slaves. The magician waves a white sheet in front of the pretty maiden... pronounces a few magic words... Presto! She has *disappeared* in thin air.

EXPLANATION:

"Disappearing" acts are among the most popular in the repertory of the magician. Dogs, horses, girls, whole rooms disappear—whisked into wings, dropped through trapdoors, hidden by mirrors. But this "disappearance" is a bit different. One of the "slaves" is a *hollow dummy*. When the magician holds up the sheet the lithe little lady disappears completely—into the convenient figure of the dummy.

*IT'S FUN TO BE FOOLED
...IT'S MORE FUN TO KNOW*

There is also a trick of cigarette advertising, whereby a few magic words are used to create the *illusion* of "Coolness."

EXPLANATION: Coolness is determined by the speed of burning. *Fresh* cigarettes, retaining their full moisture, burn more slowly... smoke cooler. Parched, dry cigarettes burn fast. They taste *hot*. This makes the method of wrapping very important.

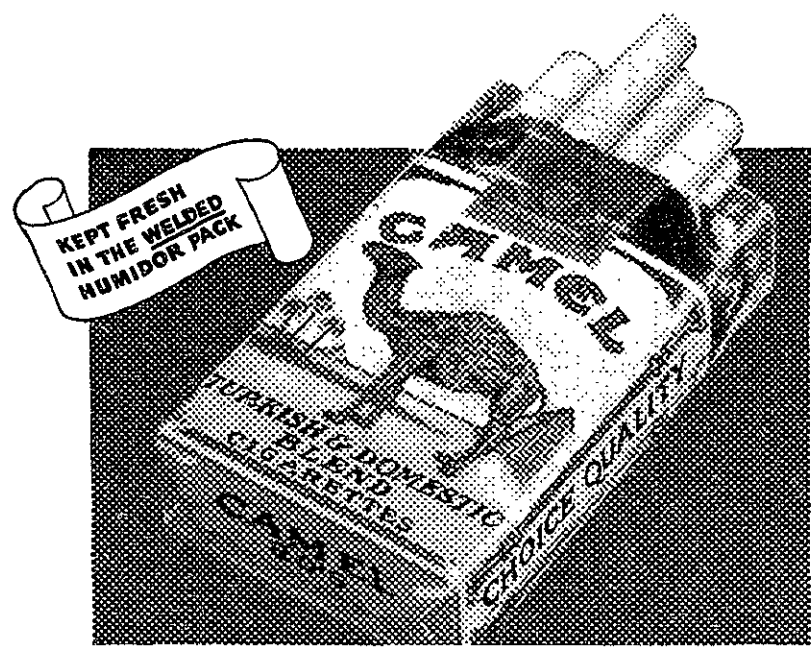
Improperly wrapped cigarettes begin to dry out as soon as packed.

Camels are cooler because they come in the famous Humidor Pack of *welded*, three-ply, MOISTURE-PROOF cellophane... and because they contain *better tobaccos*.

A cigarette that is fresh, full of natural moisture, and blended from choice, ripe tobaccos tastes cooler than one that is harsh and acrid. For coolness, choose a *fresh* cigarette, made from *costlier tobaccos*.

It is a fact, well known by leaf tobacco experts, that Camels are made from finer, **MORE EXPENSIVE** tobaccos than any other popular brand.

Try Camels... give your taste a chance to sense the difference. You'll appreciate it!



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CAMELS

**NO TRICKS
..JUST COSTLIER
TOBACCOS**

IN A MATCHLESS BLEND