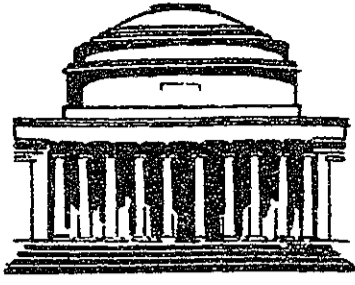


The Tech



Z-250

Volume LVIII, No. 55

CAMBRIDGE, MASS., FRIDAY, JANUARY 13, 1939

Price Five Cents

'41 Withdraws Petition On Referendum

Originators Of Petition To Evade Responsibility Lead Retreat

43 NAMES RETRACTED

Withdrawing their protest over damage responsibility to the Institute Committee, 43 of the 90 original signers of the second petition revoked their signatures Wednesday evening and decided on a policy of cooperation rather than force.

On the same evening another petition was signed by over fifty freshmen claiming that they had been "duped" and demanding that all the damage resulting from the pre-Field Day battle be paid for by the Sophomore class. This petition, however, has not yet been presented to William F. Wingard, President of the Senior class and is being held in abeyance.

Cooperation Urged

According to a letter circulated with the protest when its revocation was urged, and signed by Herbert A. Stein, '41, originator of the demand, this nullification action "is deemed advisable because, while our principles are justified, the attempt to carry them out would prove inconvenient to many. I believe we can accomplish our

(Continued on Page 2)

Petition

Technology Team Debate Tomorrow

Bloom And Werby Defend Rearmament Program Against N. Y. U.

Speaking from New York, two Technology men will discuss the rearmament program of the United States in a radio debate against New York University. The broadcast will take place at 5 p.m. tomorrow over stations including WHN and WLW. The latter station, located in Cincinnati, has a power output of 500,000 watts and so may be heard quite easily in Boston.

On the eve of Congressional consideration of President Roosevelt's defense message of the day before yesterday, L. Hurley Blume, '40, and Russell T. Werby, '40 will deny that "The rearmament program of the United States should be abandoned". The Tech team will show that strengthened military and naval machines are necessary today both for a policy of

(Continued on Page 4)

Debating

T.E.N. Holds Reception For Secretary; Barred Door Opened Upon Special Knock

The Technology Engineering News staff held a tea at five yesterday afternoon in the publication office in honor of Miss Jane Underwood, new secretary to the general manager of T.E.N. Mr. Dixon Speas, '39, and Miss Underwood poured. Miss Jean Harvey, Stoneleigh secretary in the T.C.A. Office, assisted in the serving.

Tea Superb

Mr. Speas representing Mr. Will Jamison, general manager of the magazine, prepared the tea according to an old recipe handed down in his family for generations. Guests remarked on the rare flavor and bouquet. The recipe follows:

"Count men in the T.E.N. office; in

Lindgren Library Flood Destroys Valuable Books

Returning to work last Saturday morning, the staff of the Lindgren Library, room 8-304, was confronted with a scene of disaster. A water pipe had rusted through, and had flooded a large part of the library, damaging over 400 books, and making a general mess. The staff has not yet been able to compute the total damage, but it is believed that the more valuable books had escaped the rising waters.

Tech Man Wins A. F. L. A. Epee Championship

Adelson of M.I.T. Captures New England Crown Last Wednesday Nite

As one of the results of watching a man fence several years ago, Tech can boast today of the New England Epee Champion, Novice class. The champ is Horace J. Adelson, '41, who won his division in the Meet of the New England Division of the Amateur Fencing League held in Walker Gym last Wednesday.

Adelson was captain of his high school fencing team, and during his last two years on was undefeated. While still in high school, he was present at an exhibition of Joe Lewis, a Tech graduate and a former Olympic champion. This was one of the motives of Adelson in coming to Tech.

Also competing in the name of Tech in the novice class, were Bech and Shaler. Bech's career in high school closely parallels that of Adelson. He too was captain and top man of his high school team, and the matches between him and Adelson were often and closely contested. This close rivalry resulted in a friendship, and mutual decision to come here to Technology.

Second in the novice epee class was

(Continued on Page 3)

Fencing

Chemical Society Hears Preliminary Prize Talks

Although Peter M. Bernays, '39, was sick, and was unable to deliver his talk on "Microfilm", both he and Melvin M. Falkoff, '39, were recommended by the board of judges to be permitted to speak in the final round of the competition. The preliminaries, which were held in Room 6-120 last Tuesday evening were judged by Professors Avery A. Ashdown, James F. Norris, and Miles S. Sherrill.

After the speeches, the guests were entertained by a series of motion pictures, devoted to sailing, which were made by Jack Wood.

Event Social Success

The office was crowded with the T.E.N. staff who came to have their picture taken for Technique. The atmosphere was gay and while the water was heating those present

(Continued on Page 4)

T. E. N.

ISSUES

THE FERRET has been investigating the petition situation around the Institute, and he feels that perhaps some of it should be brought to the attention of the student body as a whole.

At its meeting a week ago last night the Institute Committee voted to split the bill for the Field Day damages between the two lower classes. The sophomores, however, seemed to feel that the Institute Committee had been unfair. Taking advantage of their constitutional rights, they passed a petition around, obtaining enough signatures to force the Institute Committee to submit the question to a vote of the entire undergraduate body. They seemed to want some division on the basis of the damage done by the two classes, even though the sophomore representatives in the Inst. Comm. meeting said that they would be glad to split the costs if the painting were paid for.

Now, however, the Ferret notices with great pleasure that this petition has been withdrawn. He wonders if the petition that the freshmen were passing around could have had anything to do with it. He hears on the best of authority that some enterprising members of the Class of 1942 wrote up a document petitioning that the sophs be made to pay for the entire amount of the damages. There were enough signatures on this petition to force the Inst. Comm. to include it on the ballot which was to have been held in the Main Lobby next Friday.

Were the sophs afraid that the undergraduate body might decide

(Continued on Page 4)

Issues

Voodoo To Have Banquet Saturday

New Board Members To Get Managerial Positions Second Term

Howling out the old, and welcoming in the new, the staff of Voo Doo, Technology's humorous publication will hold its annual "staff changing" banquet this Saturday night in the Hotel Kenmore at 7:00 p.m.

Professor Albert A. Schaefer will be the principal speaker of the evening. The Advisory Council on Publications will also be represented.

The outgoing board, headed by Robert C. Casselman, General Manager, will announce the results of the election of the new managing board.

New Issue Out Monday

The latest issue of Voo Doo, the "Exam" will be on sale next Monday. It was announced at midnight last night.

Construction Engineers Will Hold Dinner-Meeting

Second of this year's dinner-meetings of the students in Building Engineering and Construction will take place next Tuesday, at 6:30 P.M. in the Faculty Dining Room of Walker.

The guest speakers will be Professors Raymond D. Douglass and George P. Wadsworth of the department of English, and Leicester F. Hamilton and George G. Marvin of the Chemistry department, each of whom will speak on the complexities of his course.

The Technology Christian Association wishes to remind all those who signed pledges that these are payable on or before February 2. The payments may be included in the tuition checks if so desired. Letters to this effect have been sent to the 752 pledgees who contributed a total of \$1,962.46.

Swimmers Win First Meet In Five Years

Registration Deadline This Afternoon At 1:00

Registration material must be returned to Room 3-107 before 1 p.m. today to avoid the fine of \$5.00. Do not deposit the material in a mail box today expecting it to be delivered in Room 3-107 before 1 p.m. Deliver it directly to Room 3-107.

The Tech To Make Elections Public At Dinner Tonight

Formal Announcement Of New Boards For Volume VIX Will Be Made

Completing a successful year of journalistic endeavor, the present managing board of THE TECH will bid "good-bye" to the old sheet, and the new boards will be introduced to the assembled multitude at the Myles Standish Hotel tonight at a banquet to be held at 7:00 p.m.

The present managing board will not then have made its last official act, however, because the January 20 issue of THE TECH will be their very own.

The outgoing managing board includes: David Bartlett, General Manager; George Dadakis, Business Manager; Edwin K. Smith, Jr., Managing Editor; and A. Lawrie Fabens, Editor, all of the class of 1939.

Student Union Presents Soil Conservation Show

"The Plow That Broke The Plains", a talking motion picture produced by Pare Lorenz for the U. S. Government, was presented at five yesterday afternoon in Room 10-250 under the auspices of the American Student Union. This picture dramatically demonstrates the evil effects of overcultivation of marginal and sub-marginal farm land.

An audience of about 100 was shown how the intensive wartime production of wheat in former grazing land caused widespread erosion and the formation of the "dust bowl". The destruction of this land worked a hardship on the cattleman, who lost a large amount of his former acreage for grazing, and also on the farmer, who soon lost his new found agricultural wealth and was again reduced to poverty.

The Tech Is The Result Of Hours Of Careful Planning; Read How It's Done

Twice each week during the college year students at the Institute are informed by THE TECH of all important news on the campus. To most of them THE TECH is just an informative bit of printed paper which came into being in some unknown manner; few realize the great amount of effort and attention to detail which goes into a single issue.

The groundwork for an issue begins long before the date of publication when the Business department solicits the necessary advertising and obtains the "ad" engravings. They are sent to the printer while an "ad dummy", showing the layout of advertisements, is given the News department. It has the responsibility of filling the rest of the issue. Meanwhile, all events which occur after the

Easily Upset Foes; Schuler Wins Two Events

With a score of 42-33, the Technology swimming team won its first victory in five years when it beat Boston University at the University Club pool last Wednesday night. Bill Schuler, M.I.T. free-style record holder led the Tech mermen in a winning pace when he won two of the nine events. Winning the 50-yd. free-style with a time of 24.8 seconds, Schuler equaled the Technology record which he set last December in the meet with Amherst.

Dave Howard, Tech diver, won the diving events with the high score of 90 out of a possible 100.

With this victory, the swimming team looks forward to a very successful season, and is confident of a victory over Bates, at the next meet, February 14.

Tech won its first event when Brewster, Williams, and Martin stroked it out over the B.U. team in the 300-yard medley relay. B.U. then won the 220-yard free-style, but Schuler took first place in the third

(Continued on Page 4)

Swimming

Catholic Club To Hold Charity Hop

Bundle Of Old Clothes Is Part Of Admission Price

Old clothes will be worth good, hard, cash tonight, when the student body, or at least a sizable part of it, goes to the Catholic Club dance to be held in Walker Memorial. The unusual price set by the dance committee is "45 cents and a bundle of old clothing, or 75 cents straight". This price, however, is per person, and not per couple.

The dance is to be a stag affair, and although you may bring a "date" with you if you wish, young ladies from several local colleges will be imported to drive away the engineers' cares. A stag is entitled to cut in and take your partner whether she is a date or not.

The dance will be a charitable affair, and all proceeds will be donated to a worthy cause. All students are invited to attend, whether they are members of the Catholic Club or not.

(Continued on Page 4)

THE TECH

The Tech

Vol. LVIII Friday, January 13, 1939 No. 55
 MASSACHUSETTS INSTITUTE OF TECHNOLOGY

Managing Board

General Manager David A. Bartlett, '39
 Editor A. Lawrie Fabens, Jr., '39
 Managing Editor Edwin K. Smith, Jr., '39
 Business Manager George Dudakis, '38

Associate Board

Assistant Editors
 Robert K. Prince, Jr., '40
 Phelps A. Walker, '40
 Russell T. Werby, '40

Business Associates

John W. Blattenberger, '40
 Leslie A. Sutton, '40
 Robert K. Deutsch, '40

Staff Assistants

Harold E. Duto, '41
 Ben K. Duffy, '41
 Frank J. Jerome, '41
 Raymond F. Koch, '41
 Martin Mann, '41
 Howard A. Morrison, '41
 Howard J. Samuels, '41
 William Staudenmaier, '41

Offices of The Tech

News and Editorial—Room 3, Walker Memorial, Cambridge, Mass.
 Telephone KIRKland 1882

Business—Room 301, Walker
 Telephone KIRKland 1881

SUBSCRIPTION, \$1.50 Per Year

Published every Tuesday and Friday during College year,
 except during College vacation.

Entered as Second Class Matter at the Boston Post Office

REPRESENTED FOR NATIONAL ADVERTISING BY

National Advertising Service, Inc.

College Publishers Representative

420 MADISON AVE., NEW YORK, N. Y.

CHICAGO · BOSTON · LOS ANGELES · SAN FRANCISCO

1938 Member 1939

Associated Collegiate Press

Distributor of

Collegiate Digest

Night Editor: Albert E. Hayes, Jr., '42

Assistants: Adolph Bertsch, '41

John Burr, '40

FOR FUN, SCHOOL, AND VICTORY

The real cause for joy in the swimming team's victory last Wednesday night is not that the long period of underdog-ing has been broken, but is in the perfect example of Institute athletic attitude which the entire five year period affords.

"Tech is a place for men to work, not for boys to play," but, to draw fresh juice out of the old saying, Tech athletics are a place for men to play, not boys to work. But that does not mean that Tech athletes piddle around with the sport. Their desire to win is as strong as the other fellows, but they do not place the ideal of winning above all else. When they lose they still have played the game with equal enjoyment.

This policy of playing at a game, rather than thinking only of winning, often bears fruit. Tech does not consistently produce championship teams, because the men do not concentrate on their activity to the exclusion of all else. Tech always has a fighting team on the field, and as often as not, there is enough natural ability present to form a topnotch aggregation. If they only click for an occasional game, that is all that is necessary to make the sport worthwhile. One good drive a day is all that is necessary to keep the golf duffer with his nose to the fairway, figuratively speaking.

PASS KEYS

VS. OPEN DOORS

In connection with the recent robberies in the dormitories, mention should be made of the omnipresent although seldom mentioned pass key. A great number of dormitory residents own pass keys which will open any other dormitory room as well as the basement doors and the doors to the storage spaces.

At first glance, the existence of such keys seems an unwarranted invasion of the students personal privacy; and, what is more serious, a threat to the personal belongings of the students. Such an estimate would be correct, if the situation in hand concerned an ordinary group of people, such as are in an ordinary apartment house.

But we are not dealing with an ordinary group of people; we are, rather, dealing with a nearly perfect example of cooperation—the college dormitory. Those in the dormitories who own pass keys are a threat neither to the belongings nor the privacy of the others.

The pass keys do almost no harm and often lots of good. The real damage is done by those men who never use keys, but leave their door open as an invitation to outside thieves.

SCIENCE IN BRIEF

By ARTHUR M. YORK, '38

Learned Men

The Society for the Protection of Science and Learning, which originated in 1933 in England, has undertaken the task of finding new places for learned men and women who have become outcasts in their own countries because of religious or political beliefs. In its efforts to prevent the loss of such learned men as are being persecuted in Germany, Russia, Italy, and Spain, the Society has already found new locations for about 550 scholars in 38 different countries, and temporary work for about 330 more. In Turkey, where civilization is being built anew, many displaced university men have been welcomed. (1)

Helium from Hydrogen

Contrasted with the common theory that the sun is gradually cooling off as it burns itself out, is the recent theory of Professor George Gamow of George Washington University which holds that, before the sun cools off, it will become about 100 times brighter, causing the melting of the earth in a few millions of millions of years. This theory is based on the knowledge that the sun receives vast amounts of energy from the transmutation of hydrogen into helium with carbon acting as a "transmuting catalyst." (2)

Decline in Tuberculosis

During 1938, the death rate from tuberculosis in the United States reached a new low, and it is predicted that, during 1939, the rate will continue to drop until it is below 50 per thousand for the first time in history. Further it is predicted that, if the present rate of decline continues for a few years, tuberculosis can be removed from the list of the country's leading diseases. (3)

Accidents

A survey has shown that elderly automobile drivers, because of their moderate speeds, have fewer accidents than either young or middle aged drivers. However, it is believed that, because of leisureliness in turning corners and overcautiousness at intersections, the older operators tend to hinder the steady flow of traffic and cause others to have accidents. (4)

For more complete discussion of the above items, consult recent periodicals as follows: (1) Nature, Dec. 17, 1938, p. 1051; (2) Science, Dec. 30, 1938, p. 6 (Supplement); (3) Science News Letter, Dec. 31, 1938, p. 424; (4) Scientific Monthly, Dec., 1938, p. 536.

LETTER TO THE EDITOR

To The Editor:

In consideration for the persons who would have had to administrate the referendum, our petition, questioning the ruling of the Institute Committee concerning payment for pre-Field Day damage, has been withdrawn. A sufficient number of the signers of the petition have cancelled their signature to invalidate the document. I still maintain, however, that our principles are justified, and I am therefore taking this opportunity to defend our stand.

On Sunday, October 23, 1938, a group of sophomores found a 1942 banner suspended over the Great Court, by means of a rope tied to the tops of the two flagpoles. The attempts of this group to get the flag down, by burning the rope in the middle with a bunch of rags hoisted up on a string, resulted in a battle between freshmen and sophomores. The consequences of the battle were the damaging of one halyard and a three-section ladder. The rest of the damage was done by those who put up the flag. The cost of the remainder included most of the main item, namely the fees of the Atlantic Flagpole Company. The latter performed the service of cutting loose the ends of the rope by which the flag was suspended, and replacing the one halyard which was cut during the battle and whatever halyards were destroyed by those who put up the flag.

When the Institute Committee met, the above-mentioned cost was included with the cost of removing the '42 numerals painted on the buildings, later in the week before Field Day. It was decided that this bill be split between the treasuries of the two lower classes. Furthermore, the funds of the two classes were to be impounded until the money was returned.

This action, taken on December 15, 1938, brought forth a petition, signed by approximately two hundred undergraduates, protesting the entire decision, and requesting a referendum upon the matter. When the payment for the numeral painting was anonymously made, the Institute Committee retained a part of the motion of December 15, 1938, stating that the remainder of the damage be split between the two lower classes. Accidentally, our petition was neglected, because of a question of interpretation of the document, and of the Constitution of the Institute Committee. We contended, as we still do, that since we contested the entire decision, and since part of the decision was still in effect, a referendum should have been held on the first petition.

We merely requested that some attempt be made to ascertain the proper interpretation of Article IV, Sections 2 and 3 of the Constitution of the Institute Committee. This was not done, and therefore, in respect to the signers of the original petition, another

one was started, which was yesterday cancelled by the signers, to spare the administrators of the referendum a little work.

Our plea is, therefore, that before heaping upon us too much guilt, our opponents consider the following facts in our favor:

We, first of all, were not trying merely to save money, but to establish in the Institute Committee the precedent that, while damage done during direct conflict between two classes should be divided evenly between the classes involved, no class should be made to pay for damage for which it is not responsible.

Secondly, we made no attempt to publicize the threats, made to the originator of the petition, intended to cause the retraction of the petition. These threats, while they may have been bluffs, were nevertheless unfair. Thirdly, our considerate retraction of the petition, to save several persons trouble which is part of the position to which they were elected, is evidence of our good faith.

We were, finally, exercising our rights as undergraduates, in questioning the action of our student-managed governing body. In addition, we were not only arousing (at last) a spark of real interest in the system, but were actually defending against, not deliberate, but thoughtless violation, our principle of student government which has been praised many times by our President, Karl T. Compton.

No accusation was intended or implied by our petition, nor by our purpose, that anyone was guilty of neglect of office. Our sincere apologies are to those whom we have inconvenienced. We thank the Quadrangle Club for help in withdrawing our petition, and President Wingard of the Senior Class for his interest and time.

We trust, as a result of this matter, keener interest will be shown, both by the students and by the officers of the Undergraduate Association, in the principle of student government which has been, for so long, a part of cherished Technology tradition.

Herbert A. Stein, '41

Petition

(Continued from Page 1)

purpose more easily by showing, instead of force, a desire for cooperation."

Source of the present trouble was a motion passed by the Institute Committee on December 15, 1938, "that the bill for damages to Institute property during Field Day be split fifty-fifty between the two lower classes and that the class funds of the two lower classes be impounded until the money is received from outside sources." The damages referred to were the painting of '42's on Technology buildings and the breaking of flagpole equipment in a battle between the freshmen and sophomores.

First Protest Petition

This action immediately brought forth a petition, signed mainly by sophomores, protesting the damage allotment on the grounds that they were not responsible for the damages and especially had nothing to do with the painting of the buildings. This petition would have brought the matter before the undergraduate body for their vote.

However, scarcely had it been presented to President Wingard, than full payment for the building damage was received from an anonymous donor.

No Popular Vote

In view of this mitigating circumstances the Committee decided that there was no need for a vote and decided that the balance still due be apportioned fifty-fifty between the two lower classes.

On January 10 the petition now in question was presented. This second paper protested "the unjustified interpretation" of the previous petition and suggested a further change in the portioning of the damages.

Infirmiry List

Walter C. Kahn, '40; Max Schweinschaut, '41; Juan P. Pedretti, '42; William L. Sweet, '40; Tracy Smith, Jr., '42; Thomas E. Hicks, '42.

Reviews and Previews

SYMPHONY HALL—A Concert Extraordinaire with a program light in character but of great musical interest, is announced by Serge Koussevitzky to be given on Wednesday, February 1, for the benefit of the Boston Symphony Orchestra's Pension Fund. It will include Haydn's "Farewell" Symphony, to be performed in eighteenth century costume; Prokofiev's orchestral fairy tale *Peter and the Wolf*, with Richard Hale as narrator; and a selection of numbers showing the development of the waltz through the past century, from Lanner to Ravel. Waltzes from Vienna are Lanner's "Schönbrunner"; Johan Strauss' "Vienna Blood" and "Voices of Spring." Sibelius' "Valse Triste", and Ravel's Tone Poem, "La Valse", which will complete the program.

Sergei Rachmaninoff will make a single visit to Boston for a recital in Symphony Hall. The great Russian pianist and composer will appear on Sunday afternoon, January 22, at 3:30. Kirsten Flagstad will give a concert this Sunday at 3:30 p.m.

SHUBERT—Victoria Regina starring Helen Hayes is now in its final week of its stay in Boston.

Beginning Tuesday evening, January 17, Dwight L. Wiman presents Ethel Merman and Jimmy Durante in a new musical comedy *Stars in Your Eyes* with Tamara Toumanova and Richard Carlson.

COPLEY—A streamline version of *Macbeth* by William Shakespeare will be presented by the Federal Theatre, in the manner of Orson Welles, beginning January 31 for a two-week run.

FINE ARTS—The excellent new French picture, *Grand Illusion*, a war film without a single battle, is now showing.

PARAMOUNT AND FENWAY—The new program includes *Paris Honey-moon*, starring Bing Crosby, Shirley Ross, and Franciska Gaal; and *Storm Over Bengal*, with Patric Knowles and Rochelle Hudson. The latter is somewhat better than the usual run of Indian Border pictures.

KEITH MEMORIAL—The returning horror cycle brings the first Grade "A" horror picture in several years with all of moviedom's snarl and sneer champions. The picture is *The Son of Frankenstein* with Basil Rathbone, Boris Karloff, Bela Lugosi, Lionel Atwill, and Josephine Hutchinson.

METROPOLITAN—The first flying picture of the year, *Dawn Patrol*, starring Errol Flynn, Basil Rathbone, and Donald Niven, opened yesterday. The second feature is *Nancy Drew, Detective* with Bonita Granville, John Litel, James Stephenson, and Frankie Thomas.

LOEW'S STATE AND ORPHEUM—Held over, Margaret Sullivan and Joan Crawford in *The Shining Hour*, with Robert Young, Melvyn Douglas, and Fay Bainter. Also Luise Rainer and Paulette Goddard in *Dramatic School*.

EXETER—Beginning Sunday is *The Young in Heart*, starring Douglas Fairbanks, Jr., and Janet Gaynor. Now showing Jack Oakie and Lucille Ball in *Annabel Takes a Tour*.

RKO BOSTON—Flight to Fame, another semi-horror story, with Charles Farrell and Jacqueline Wells, also George O'Brien in *Lawless Valley* opens today. A brand new stage show is an added attraction.

KENMORE—Ronald Colman and Frances Dee in *If I Were King*, also the Jones Family in *Safety in Numbers*.

UPTOWN—The latest of the "Dead End" pictures *Angels With Dirty Faces*, starring James Cagney and Pat O'Brien. Co-features include Shirley Temple in *Just Around the Corner* and *The Refugee*, a March of Time feature.

UNIVERSITY—Now showing *The Young in Heart* and the Dionne Quintuplets in *Five of a Kind*. Starting Monday, Judy Garland and Freddie Bartholomew in *Listen Darling* and Dick Foran in *Heart of the North*.

Hockey Team Loses To N. H., 5-2 Quintet Battles Lowell Textile

Third Period Attack Gives Margin To N. H.

Tech Team Play Let-Down From Vacation Form

Showing a sharp reversal of the form they displayed at Lake Placid, the Institute puckmen went down to a 5-2 defeat last night at the hands of the New Hampshire aggregation. The first period did not look so bad for the Instituteters. Both teams played on a level, although New Hampshire did manage to slide the puck past Carrick for one score. In the second period however, matters took on a more gloomy tint. The boys from up North took the game into their own hands and in spite of a determined Tech team, scored three times before the bell sounded. So far Tech had managed to score only in the first session—the marker being made by Grace assisted by Drury. In the final period, the Techmen, pretty well worn down could not stave off a final pay push by New Hampshire, and a final marker for Tech made by Lainge, unassisted, could not prevent defeat.

The effect of two weeks at Tech following the Christmas vacation showed up plainly in the poor condition of the men. Coach Owen was forced to substitute repeatedly in the final stanza, and the play of the team lacked aggressiveness and punch.

Goalie Carrick off-form showing was also very noticeable. He seemed to be having trouble stopping long shots, although he had no trouble with the usual in-fighting.

Tech Musketeers Meet Worcester

M.I.T. Riflemen Undefeated As They Enter Second Meet Of Season

Tomorrow the Institute's musketeers will travel up to Worcester to shoot a match against Worcester Polytechnic Institute's rifle team. The contest, starting at 2.30 P.M., will be a two position match, each man firing ten shots prone and ten shots offhand.

Having won four of their first five matches so far this season, the sharpshooters are looking forward to a very successful season. First of their intercollegiate matches was held last Friday evening when they trounced Northeastern University by a score of 890 to 852. The match tomorrow will be their second collegiate match, but after Mid-years they start serious shooting. Their schedule includes trips to the Naval Academy at Annapolis, New York University, the University of New Hampshire at Durham, and the Coast Guard Academy at New London.

Their home schedule includes matches against Yale, Harvard, Bowdoin, and a return match against New Hampshire University.

Fencing

(Continued from Page 1)

Murphy of Harvard and third was Brewer, also of Harvard.

Hrant Isbenjian, captain of the Institute fencing team, and third member of a trio, whose other two members are Adelson and Bech, was also entered in the meet, but did not place in his division.

Invading Squad Out To Ruin Tech Record

Frosh Squad Wins First Game In Beating Andover

Coach McCarthy put his unpredictable basketball squad thru their last practice session yesterday in preparation for the game tonight against Lowell Textile in the Hangar Gym.

Game Last Year Was Corker

Those who witnessed the broad shouldered Textile engineers play Tech last year remember the rough and tough battle. The game tonight can be expected to be the roughest of the year when Lowell Tech attempts to put a black spot the Tech record of four wins against one defeat.

Team Has Good Record

The basketball quint is quickly posting for itself one of the best records made by a Tech team in many years. Last year's quint lost to all four of the teams that this year's has beaten. The reasons for this can easily be traced. Former Captain Paul Schneider has regained his form of his sophomore year and has again become one of the most feared men in New England basketball. Dick Wilson, six five centre is probably the most improved player on the Tech quint. His retrieving from the basket and his scoring has become one of the wonders of Tech's athletics. Adding to this has been the high scoring done by the sophomore star Howie Samuels who not only has been leading the team in scoring, but has become one of New England's highest scorers with almost sixty points in five games.

Not to be neglected is the playing of Captain Thomas Creamer, who had guided his team thru four wins. Sophomore Fred Herzog and Junior Hap Farrell have been a definite improvement to this year's team. Farrell's foul shot was the deciding influence in winning the Bates game last week.

Freshmen Defeat Andover

The frosh basketball team won its first game of the year when they defeated a highly favored Andover team in the Hangar Gym Wednesday afternoon 39-36. The freshmen played the best brand of ball they have exhibited all year and led the Andover team thruout the game. Tech students will also have a chance to see the freshmen in action when the team

Wrestlers Lose Thrilling Meet To Amherst Team

Varsity And Frosh Teams To Wrestle Brown Saturday

In a series of thrilling and closely contested bouts the varsity wrestling team lost a dual meet to Amherst last Wednesday in the Hangar Gym. As the 17½ to 14½ score indicates the entire meet was closed and neither team played the part of the underdog at any time.

Goodman Does Stellar Job

David "Beano" Goodman threw his opponent Hollis Whitten in one of the most thrilling exhibitions of the evening. "Beano" Goodman's luck during the past few meets of this season hasn't been too good but much can be expected from now on after his winning the "unlimited class" bout the other evening. He won his bout by quickly getting on the top of his opponent early in the bout and staying there.

In the 126 lb. class Bill Stone, one of Tech's light weights, beat his opponent John Cranshaw by a referee's decision. In the 165 lb. class Dick Powers threw the Amherst's entry, T. Skeel in a hard fought bout. The rest of the bouts were won by Amherst wrestlers after the Tech "grapplers" had given them a close fight. Dave Wang, one of the team's mainstays, lost his bout in the 136 lb. class by a fall.

The summaries of the M.I.T. vs. Amherst Meet are:

- 121-pound class — Ralph Hadley, (A), beat John Vylberg, (T). Decision.
- 126-pound class — Bill Stone, (T), beat John Cranshaw, (A). Decision.
- 136-pound class — Shailer Handyside, (A), beat Dave Wang, (T). Fall.
- 145-pound class — Bruce Minnock, (A), beat Andy Kopfschinsky, (A). Overtime decision.
- 151-pound class — Don Miek, (A), beat A. J. Powers, (T). Fall.
- 165-pound class — Dick Powers, (T), threw T. Skeel, (A).
- 175-pound class — Brad Hastings, (A), and John Vanderpoel, (T). Draw.
- Unlimited class — Dave Goodman, (T), threw Hollis Whitten, (A).

plays Tilton Academy at seven o'clock preliminary to the varsity game tonight.

Big Crowd Expected

The varsity team has been playing to the biggest crowds in years. The last two home games have found the Hangar Gym filled to capacity. Those who wish seats tonight are advised to come early. As usual a showing of the bursar's card will give admittance.

SPORTS COMMENT

When the basketball boys trot out on the court tonight, they are entering into the tougher half of their schedule, ending up the year against Tufts, who will be very tough indeed. We have beaten Harvard, but so has Tufts and by a larger margin.

The next two games after the Lowell Textile affair tonight, are with Boston University and Brown, both of whom usually have teams near the top of the league. But we not only have a good team but an excellent record behind the next five games. And it is the feeling of confidence, of sureness, that often spells the bare margin between good and better.

Attendance at the home games has been better this year than almost ever before. And the attendance has arrived crammed to the gills with hokum-soakum spirit. That is a swell sign, and may it mark the arrival of a permanent spectator appeal in Institute athletics. But it is one thing to have an interest in your own team and enthusiasm when it does well, and another thing altogether to disparage your opponents audibly. In other words, it is pretty rotten sportsmanship and a low trick to boo the other guy when he does well.

Tech has too good and too long standing a reputation for fair play for us to imperil it by the thoughtless antics of a few ungoverned spectators.

One of the several sports that people do not associate with the idea of winter is track. Track is considered generally almost as much a fall sport as football, and almost the only spring sport.

However, the winter—indoor—track season is almost upon us. Our freshman squad gets most of its active competition during the winter—starting an indoor program of six meets today when it meets a team from Roxbury Latin.

In about two weeks the series of national indoor meets gets under way with the holding here in Boston January 23 of the Knights of Columbus games. The varsity board runners have that event as well as the Millrose Games in New York, the Boston Athletic Association games, and the I.C. 4A meet.

Jack Summers In Title Tournament

Tech Coach After National Title He Held During 1930, 31, 32, 34

Institute faculty members are known throughout the world for eminence in scientific circles, but this week one of the faculty is at Cleveland defending a national reputation, but his reputation is one of the few here not based on engineering.

He is Jack Summers, three times holder of the National Professional Squash Racquets crown; and his pres-

ent mission in Cleveland is to recapture that crown.

Squash, at present easily one of the (Continued on Page 4) Summers

The First Church of Christ, Scientist

Falmouth, Norway and St. Paul St.

Boston, Massachusetts

Sunday Services 10.45 a. m. and 7.30 p. m.

Sunday School 10.45 a. m.; Wednesday evening meetings at 7.30, which include testimonies of Christian Science healing.

Reading Rooms — Free to the Public,

117 Washington St., opp. Milk St., entrance also at 24 Province St., 420 Boylston

Street, Berkeley Building, 2nd Floor, 60 Norway St., cor

Mass. Ave. Authorized and approved literature on Christian Science may be read, borrowed or purchased.

Science may be read, borrowed or purchased.

BRINES

HARVARD SQUARE

MID SEASON SALE

SKIS	SKI BOOTS	POLES
Special Lot of Hickorys Reg. \$13.50 to \$17.50 \$8.95 to \$11.95	BASS reg. \$15.00— \$9.95 BASS reg. \$12.50— \$7.95 OTHER BOOTS \$4.95 TO \$16.50	Tankin Poles Reg. \$6.00 to \$2.95 Reg. \$4.50 to \$2.45

EXPERT REPAIR AND SERVICE SHOP

THEY BEGIN TODAY . . .

8.01 Review Class 5 to 7 or 8 to 10 P.M.

M-21 Review Class 5 to 7 or 8 to 10 P.M.

TOMORROW . . .

2.00 Review Class 5 to 7 P.M. only.

2.04 Review Class 8 to 10 P.M. only.

5.61 Review Class 2 to 4 P.M. only.

MONDAY . . .

8.03 Review Class 5 to 7 or 8 to 10 P.M.

THE ASSOCIATED TUTORS

410 MEMORIAL DRIVE, CAMBRIDGE

KIRKLAND 4990

Two minutes walk up the river from Tech

DEVELOPING, PRINTING, ENLARGING

Cameras and Photographic Supplies

RALPH HARRIS COMPANY

17 BROMFIELD ST., BOSTON, MASS. 1232 MASS. AVE., CAMBRIDGE, MASS.
LIBerty 7142-3 KIRKland 7040

Learn the Rhumba, Tango, Shag, Palais Glide, Etc.

\$1.00 — Strictly private 1/2 hour trial lesson — \$1.00

CLASSES EVERY TUESDAY AND THURSDAY

8:30 TO 11:00 P.M. 75c.

Paparone Dance Studios

1088 BOYLSTON STREET (AT MASSACHUSETTS AVENUE)

TELEPHONE COMMONWEALTH 8071

WALTER'S RESTAURANT

EXCELLENT FOOD AND LIQUORS

Large Porterhouse Steaks Cooked on Electric Grills a Specialty

COCKTAIL BAR

WALTER'S RESTAURANT

1364 BEACON STREET

COOLIDGE CORNER, BROOKLINE

New Clothes for Rental
READ & WHITE
111 SUMMER ST. BOSTON

CALENDAR

FRIDAY, JANUARY 13

8:00 P.M. Federation of College Catholic Clubs Dance—Main Hall.
8:30 P.M. Basketball Game with Lowell Textile—Hangar Gym.

SATURDAY, JANUARY 14

2:00 P.M. Wrestling Match with Brown—Hangar Gym.
Squash Match with Trinity—Squash Courts.
Swimming Meet with Wesleyan—Away.
5:00 P.M. Debate with New York University—Station WLW.

MONDAY, JANUARY 16

5:00 P.M. Orchestra Rehearsal—East Lounge.

TUESDAY, JANUARY 17

5:00 P.M. M.I.T.A.A. Meeting—East Lounge.



Roughening the Apple

Now is said to be the time for all good men to come to the aid of their cumulatives with a bag of apples and a can of Simonize (advl.) The Phi Sigs cannily recognized this fact when, about a month ago, they required everyone of their pledges to sit in the front row of each of his classes, polishing an apple which he handed in at the end of the period. A more original attempt to please professors originated with a dormitory sophomore however.

"Mr. Jones", said Prof. Wulf to one of them, "this is not a rah-rah college. I think that an ordinary shirt and jacket would be in better taste than your present costume;" and he frowned at Jones' slacks, sneakers, patent leather bow tie, and gray flannel shirt worn over two sweaters for warmth. So Prof. Wulf was astonished to see somewhat later a six foot three specimen of young American manhood clad in a blue suit, stiffly starched white shirt, and formal overcoat. The outfit was completed with white silk scarf, derby, and walking stick. As a final touch he was accompanied by a respectful freshman valet; who obsequiously brushed him off with a whisk-broom and laid his coat and hat on a nearby chair.

Supplied Mechanics

A certain aesthete, was slightly irked by Prof. H. Elmer Hall's habit of using his forefingers as dividers in transferring vectors from place to place on the blackboard. So he hid aim foith and bought the worthy pedagogue a pair of large wooden dividers, to which he pasted the touching inscription "To Horace Elmer Hall, Esq. for the purpose of greater accuracy in his explanation of problems." And it was delivered to the professor by a freshman in full uniform during the next recitation.

Prova Father

About this time of the term the Sub-Lounger's fancies lightly turn to thoughts of the literary masterpiece he intends to write should laziness or the minimum scholastic requirements preclude his following the engineering profession. This *Meister-ueck* will revolve around the various incidents which the Lounger has observed at this fount of knowledge. Among these he remembers the occasion that an earnest upstanding young Course VI man was attending a dance at Simmons when two of his playful friends called on the telephone.

"Do you know Eddie Schultz?" they asked the young lady who answered the phone.

"Yes," she replied.

"Well, tell him he's just become the father of an eight pound boy."

Vastly excited, the girl rushed out on the dance floor, waved for silence and cried out loudly, "I have the honor to announce that Mr. Edward Schultz has just become the father of an eight-pound boy."

Right then Eddie wished that Schultz was dead.

IF IT'S FUN YOU'RE AFTER
Westchester — Lambeth Walk — Shag —
Fox Trot — Waltz — Rumba — Tango
Learn to Dance at the
Uptown School of Dancing
330 Mass. Ave., Boston Tel. COM. 0520

T. E. N.

(Continued from Page 1)

spent an enjoyable thirty minutes reading copy for the next issue. A minor interruption occurred when the lemon purchased for the tea was mislaid, but Miss Underwood supplied sugar for the occasion and harmony again reigned.

Hostess in Black

Miss Underwood was dressed in an attractive rough tweed black dress strikingly accented with a vivid green neckerchief and black calfskin shoes. Miss Harvey's Copenhagen blue angora sweater was effectively set off with a brown wool skirt and brown pigskin shoes. Mr. Speas wore a dark grey suit with a very thin pin stripe which was noticeably complemented by a light blue cravat.

Meetings to be Repeated

With the enthusiasm of the staff high, the hostess promised that the teas would be a regular feature in the future. A few guests may be admitted, she promised. Members of the publication who had rumored that the annual banquet will be held in Hayes Bickford Diner No. 3 on Main St., Cambridge, said unofficially that the funds may be diverted to these teas.

Issues

(Continued from Page 1)

against them? That is the only explanation that the Ferret can see. The frosh are traditionally the under dogs, and perhaps the sophs were right in guessing that the undergraduate body might be on the side of the new men. After all, the sophs asked for the trouble, and they might well have found it. They certainly stuck their necks out. Maybe next time they won't waste the time of the Institute Committee "just to see what will happen".

ANOTHER matter of great interest has come to the attention of the Ferret. Recently members of the 5:15 Club were proudly displaying the new one thousand dollar floor with which the Corporation just presented them. In fact the floor was so well laid that its completion required tearing out all the baseboard outlets for the electric wiring. The item which is bothering the Ferret now is why these baseboard plugs were not replaced when the masterpiece was laid. It seems that the poor commuters can not even find electric outlets into which to plug their reading lamps, much less the three hundred dollar radio which the Institute just gave them.

This Week's

HIT PARADE
You Must Have Been A Beautiful Baby
Two Sleepy People
My Reverie
Jeepers-Creepers
This Can't Be Love
Deep In A Dream
I Must See Annie Tonight
Umbrella Man
Thanks For Everything
F. D. R. Jones
Obtain your sheet music copies and phonograph recordings at
BOSTON MUSIC COMPANY
116 Boylston Street HANcock 1561

Pistoleers Set New Team Record

Varsity Takes Third Place In Match; Davis Ties Old Record

Technology's newly recognized pistol team opened it's 1939 season by firing a new team record of 838 in a Metropolitan League match at the Tech range last night. The team placed third in a field of eight, surpassed only by the Boston Rifle a Revolver Club first team which fired 854; and the M.I.T. Faculty team with 841.

Norman L. Davis, '40, led the Tech shooters with a score of 175 equalling the Institute record for the course. Wiley Corl, team captain, fired 169. Following, were Richard Henry with 169, Jean L. Lewis with 167, and Ching-hsueh Wu with 158.

The Harvard team, paced by W. Sweet who fired a 158, shot a total of 749 to take seventh place in the meet.

The Tech

(Continued from Page 1)

sports stories are located on the third page, which is made up by the permanent Sports Editor. The Editor and his associates generally provide all the material necessary for the second page and indicate its arrangement.

The Night Editor and his immediate superior, the Desk Editor, devote a great amount of time carefully considering the placement of stories, suitable headlines, and cuts so that a pleasing effect and an adequate display of important news is obtained.

By six o'clock every typewriter in the room is in use by the reporters writing out their stories. When a reporter completes his regular assignments, he is either given some late news to cover or is detailed to write headlines for stories which have already been written. All copy is edited by the Night Editor for errors in form, grammar, or punctuation and is rechecked by a Junior or Senior copy reader. At regular intervals the printers send a copy boy whose duty is to bring to them all finished copy and to return the proofs to the Night Editor after the stories have been set up in type.

The reporters' work continues until all the copy is in, generally about half past nine; meanwhile the photo staff has made an engraver's print of any picture which will appear in the issue. After having gotten in all copy, headlines, and prints, the Night Editor proceeds to the office of the printer where he assembles the "dummy".

The "dummy" is prepared by pasting proofs of the stories and engrav-

ings on a sheet the size of a page of THE TECH, following a previously decided make-up. The stories generally fit quite well because they are of closely calculated length. If they do not fit, they can be made to do so by being cut down or by "leading" (increasing the spaces between the lines of type). His work completed, the Night Editor turns the "dummy" over to the printer and then starts his weary and belated way homeward.

Swimming

(Continued from Page 1)

event, the 50-yard free-style, in his record breaking time. Schuler also took the 100-yard free-style. Brewster, (M.I.T.) won the 150-yard backstroke, and Senior, of M.I.T., took second. Williams of Tech won the 200-yard breast stroke, and Morgenthaler took second, but B.U. took the 440-yard free-style. Dave Howard won the fancy diving event with his high score, and B.U. wound up the evening by winning the 400-yard relay.

300-yard medley relay—Won by M. I. T. (Brewster, Williams, Martin); second, Boston University (Burns, Lapidus, Mcweeney). Time—3m. 27.6s.

225-yard free style—Won by Lukinhook (BU); second, Howard (MIT); third, Macey (BU). Time—2m. 33.4s.

70-yard free style—Won by Schuler (MIT); second, Gray (BU); third, Goldthwalte (BU). Time—24.8s. (Equals Tech record.)

100-yard free style—Won by Schuler (MIT); second, Gray (BU); third, Martin (MIT). Time—59.4s.

150-yard back stroke—Won by Brewster (MIT); second, Senior (MIT); third, Burns (BU). Time—1m. 58.2s.

200-yard breast stroke—Won by Williams (MIT); second, Morgenthaler (MIT); third, Lapidus (BU). Time—2m. 50.8s.

100-yard free style—Won by Macey (BU); second, Lukinhook (BU); third, Macey (MIT). Time—5m. 33.2s.

Fancy dive—Won by Howard (MIT); second, Palladino (BU); third, Sexton (MIT). Points—91.3.

400-yard relay—Won by Boston University (Gray, Goldthwalte, Breed, Lukinhook); second, M. I. T. (Chestnut, Martin, Howard, Schuler). Time—4m. 9s.

Debating

(Continued from Page 1)

international activity by the United States and the opposite alternative of a policy of complete isolation of the Western Hemisphere.

Bloom and Werby will examine our defense needs and will show that our security is based upon a navy second to none, supported by an army capable of protecting the navy's bases and acting as a secondary defense. An air force strong enough for effective cooperation with naval forces and independent action as a second line of defense will be shown necessary. The speakers will also show that immediate rehabilitation of our armed forces is required.

Summers

(Continued from Page 3)

most popular sports at Tech, had its birth here when Jack was appointed coach at the Institute in 1929. Until he arrived, squash, although a recognized activity, was one in name only. But a year after he came, the number engaged in it had doubled, and has continued on a steep upcurve ever since.

According to Jack himself, he took the game up in 1915 at the Tennis and Racquets Club in Boston. In order to get the pros there to play with him, he had to offer a dollar to each one that beat him. At first they could give him fourteen points a game and still take his money.

Later Jack played under Tom Pettit, former World Professional Court Tennis and Racquet Champion; then spent a year at the Harvard Club as an assistant to Harry Cowles, an ex-New England champ. From there he went to the University Boat Club where he spent eleven years as squash coach.

His record shows the results of such intensive application. Between 1923 and 1932 he won the New England title five times in a row, and also annexed the national honors in 1930, 1931, 1932 and 1934.

About the average student and squash, Mr. Summers has said: "Any one can learn to play squash well if he has the will to practice continuously. When I began, I practiced for hours at a time. Concentration on the game is an important thing in playing." He also added that brainwork is an important means of defeating one's opponent.

CHARLIE MUN
Hand Laundry
88 MASS. AVE. BOSTON
Excellent Service — Reasonable Rates — Minor Repairs — Socks Darned Free of Charge.
Shirts (plain) .10
Pajama (suit) .15
Under shirt .06
Under drawer .06
Call for and Deliver
Tel. KEN. 9472

SPECIAL SALE
New and Used Cameras
FOTH DERBY f 2.5 lens L P \$33.00 \$22.95
FOTH DERBY f 3.5 lens L P \$23.00 \$16.25
PRAXIDOS ENLARGERS L P \$35.00 \$24.95
8mm Cine Kodak (used) L P \$31.50 \$22.00
8mm K 8 Keystone (used) L P \$27.50 \$19.50
8mm UNIVEX (used) L P \$9.95 \$6.50
100 ft 16mm PAN Movie Film \$4.50 \$3.25
100 ft 16mm KODAK ROME \$9.00 \$8.10
ASK FOR OUR LATEST CATALOG
EMF
Camera Exchange
430 MASS. AVE. CAMBRIDGE.

JOIN ALL M.I.T. at the
KEYHOLE of the
Copley Square Hotel
Huntington Ave. at Exeter St.
SMART DINNER and SUPPER DANCING to HARRY DE ANGELES and HIS MUSIC
NEVER A COVER OR MINIMUM except \$1 Minimum Friday & Saturday

FLY WITH WIGGINS AIRWAYS
At Two Conveniently-Located Airports
MODERN PLANES — VETERAN INSTRUCTORS
Municipal Airport East Boston EAST Boston 2030
Metropolitan Airport Norwood CANTon 0210

FENNELL'S
59 MASSACHUSETTS AVENUE at Com. Ave., BOSTON
QUALITY WINES & LIQUORS
We carry a complete line of S. S. Pierce's Wines and Spirits
FREE DELIVERY — Telephone KEN. 0222

THE FLAMINGO
MASS. AVE. NEAR STATE THEATRE
DINNER and SUPPER DANCING
★ BOB HARDY ★ HIS ORCHESTRA and ENTERTAINMENT
★ Stellar Floor Show ★
★ DE LUXE DINNER \$1 ★ Never a Cover Charge SPECIAL GROUP RATES