

## ADVISORY COUNCIL STUDIES QUESTION OF CLUB INSIGNIA

To Canvass M.I.T.A.A. Opinion  
To Decide Managers' Status  
In Varsity Club

## BOAT TRAVEL CONDEMNED

Question of P. T. Substitution For  
Freshmen Referred To  
Dean's Office

Questioning whether managers of sports who have won the "bar-T" should be rated as full members in the Varsity Club, the Advisory Council on Athletics decided that a canvass of undergraduate opinion should be made after a general discussion at a meeting at the Engineer's Club last night.

To Canvass M.I.T.A.A.

At present, there are two types of membership in the Varsity Club. The regular members are winners of the straight "T" who have been competitors in various sports. Honorary members are those who have been granted a "T" for exceptional service to athletics. Feeling among the Council was divided; some felt that managers who put as much time into the sport as the competitors, should have an identical reward. The opposing contention held that the managerial insignia is not necessarily inferior but is different.

Members of the M.I.T.A.A. will be asked to determine what the undergraduate opinion is upon this subject. Upon the basis of this canvass, the Advisory Council will send a recommendation to the Varsity Club.

## Boat Travel Condemned

Travel by Technology teams by boat was denounced because of the greater uncertainty of that mode of travel, the greater difficulty of keeping training, and the fact that additional funds have been secured from the Corporation this year in order to eliminate boat travel.

The question concerning substitution of a sport for P. T. for freshman candidates as managerial positions was referred to the Dean's office. Under the present ruling all freshman candidates for managers are automatically barred from any substitution privilege.

## "Reds" Stage Scene of Wild Carnage, Resident of Dormitories Is Victim

Armed With Razors, Agents Of  
Dreaded "Cheka" Invade  
Domicile

Representative Fish to the rescue! The dreaded ogpu, cheka, or what have you is on the rampage. The red terror is loose! Already the good little Technology students have been terrorized by the agents of the fear-inspiring "cheka."

Even the dormitories have been invaded. 'Tis night. Starlight shines peacefully through the window as a group of three Institute men are resting in the room of one of their number after the exertions of the Freshman Dance. The hour is late. They are planning soon to retire.

But hark! What was that noise? Someone knocks at the door. Slowly it opens and framed in the doorway stands a large and imposing personage, a Red, no less. With an ominous silence he strides into the room, and following him comes another. And after him another, until ranged around the walls stand a full twenty agents of the "ogpu" bent on pillage and rapine.

Grimly and efficiently they go about their work. One of the gentlemen is politely ushered out of the room accom-

Delivered Funeral Oration  
At Freshman Class Dance



PROF. WILLIAM C. GREENE

## "SAVE A DOLLAR" TECHNIQUE URGES

Sign-Up Booth Will Be Open for  
The Entire Week In The  
Main Lobby

After this week the price of the *Technique* for 1932 will be five instead of four dollars. "Sign up now and save a dollar," is what the *Technique* staff suggests. The sign-up will last for this week only in the Main Lobby. Last year many were disappointed because they had not made this arrangement for the entire edition was sold out and no copies were offered for sale.

Those who have already taken the Pi Delta Epsilon offer will have nothing to pay at this time, but for those who are signing up, the charge will be two dollars with the remainder due the first week in February. Another way that it may be taken care of, is to charge the entire amount to one's Bursar's account.

*Technique* appears some time after the annual Open House Day in the spring of the year. The first copies are distributed after the famous *Technique* Rush, the first copy going to the man who captures the first paddle.

panied by five or six of the invaders. The door is almost taken off its hinges in the process, but that is a minor detail. The other gentlemen now leaves, not exactly under a cloud, but under a considerable number of hefty Reds.

## A Struggle

The dreaded band is now left alone in the room with the object of their hate. A terrific struggle ensues. The fur flies. So do other things, but alas, the brave dormitory resident is overcome. Heavily bearded brigands seat themselves all over his person and quickly they go about their purpose.

The razor is ready. The duly appointed barber is even more so. Amid wild howls of glee the fowl deed is done, and the poor victim drags himself to his feet—but minus half his moustache.

Wildly, he glares around him, he notes but dimly the wild disorder of his room. Finally he staggers over to his mirror. A wild cry escapes him. Alas, the other half must also go. And amidst the sound of sad, mournful music from the wings, accompanied by thunder and lightning, he shaves off the poor remaining vestiges of his dearly-prized, and once so beautiful moustache.

## WAR DEPARTMENT RE-ESTABLISHES AIR TRAINING UNIT IN R. O. T. C. ADVANCED COURSE AT TECHNOLOGY

## SOPHOMORES TRY TO MAR FRESHMAN "TIE CEREMONY"

Steal First Casket, But Fail  
When Second Is Gotten  
To Fill The Gap

PROF. GREENE ORATES

Stirred to wrath by a tactical blunder of the freshman dance committee, a large group of Sophomores strove desperately to disrupt the "tie funeral" planned as the main event of the freshman dance, held the last Saturday evening before the Christmas holidays. The wily Sophomores gained temporary victory when they contrived to intercept the "piece de resistance" of the ceremony, an ornate coffin loaned to the freshmen for the occasion by the National Casket Company.

In the preliminary announcements of the dance, the committee had caused it to be stated that Sophomores who attempted to "crash" the party would be "dealt with." No great amount of trouble developed at the ticket doors, but the driver who was delivering the coffin was waylaid and persuaded to hand over the box, which was then placed safely elsewhere.

When the casket failed to arrive on schedule, members of the committee guessed the probable cause of trouble, and one of their number, who had the proper connections, phoned for another. Great care and a bit of gib argument, when two or three Sophomores attempted to seize it at the last minute, finally won out and the freshmen had their ceremony.

Borne on the shoulders of six burly freshmen, dressed in toppers and shorts, the coffin was brought in and deposited in front of the orchestra to the accompaniment of a dirge. A short, witty speech by Professor Greene of the English Department, in which the freshmen received their appointed share of sarcasm, preceded the depositing of the ties in the casket. The box was then borne away with a double file of freshmen following mournfully behind.

## Ties Later Burned

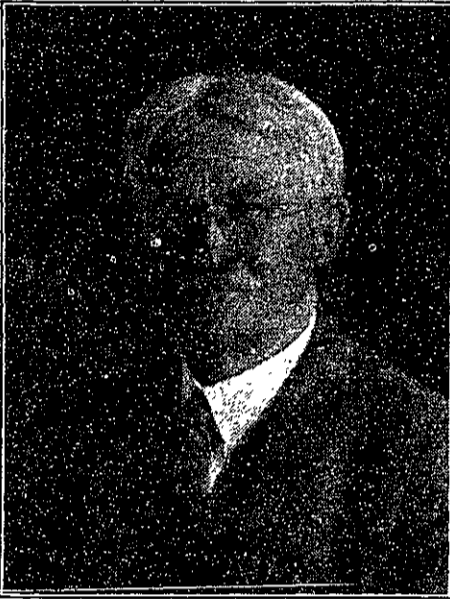
Later the whole collection of ties was quietly cremated and the ashes thereof were sprinkled thither and yon about the Great Court of the Institute. The caskets were returned to their respective owners, the first one having meanwhile been returned to the freshman committee.

Music for the dance was furnished by the Techtonians, and President and Mrs. Compton and Assistant Dean Pitre and Mrs. Pitre attended as chaperones. The decorations were the ones which had been used the evening before for the Dorm Formal Dance and were kindly lent to the freshmen by the Dormitory dance committee.

Refreshments for the gathered throng were sold at the Cafeteria during an intermission at 11 o'clock. A special supper was also served in the Grill Room for the chaperones and the members of the Dance Committee and their guests during the intermission.

Members of the Committee announced after the dance that it had been financially successful, which, according to Bill Carlisle, head of the Walker Dining Service, is so unusual that he can remember no time during his career in Walker when that has happened. Plans for another dance to be held sometime in the spring are being discussed by the class officers.

Discussed Price Declines  
At Business Conference



PROF. DAVIS R. DEWEY

## ALUMNI GATHER TO DISCUSS BUSINESS

Professor Dewey Speaks Before  
Conference of Course XV  
Graduates Here

Vital economic and business problems of the day were discussed at a New Year's business conference held for the benefit of graduates by the department of Business and Engineering Administration at the Institute last Saturday.

For this conference, which was attended by more than two hundred past students in the business course, Professor Erwin H. Schell '12, head of the department at Technology, had planned a program which brought under discussion some of the most vital problems of the day. It was the purpose of this conference to study the underlying changes brought about in business and commerce during the last few years and which it now appears will have a permanent effect upon the business and industrial structure of the future.

## Professor Dewey Speaks

Professor Davis R. Dewey, head of the department of Economics at the Institute, discussed "Significant Changes in

(Continued on page three)

## DECISION FOLLOWS PROTEST MADE BY PRES. COMPTON

Official Orders Have Not Come  
But Are Expected Soon,  
Col. Arthur Says

COURSE XVI MEN ELIGIBLE

Following a protest from President Compton to the War Department at Washington, permission has been granted for the continuation of the Air Training Unit of the advanced Military Science Course at Technology. Official orders to this effect have not as yet arrived, but Lieut.-Col. Robert Arthur, Executive Officer of the department of Military Science and Tactics at the Institute, stated last night that he had been assured by reliable sources that the orders would be transmitted shortly for the maintenance of the unit here.

Special arrangements will be made to enable all Juniors enrolled in Course XVI to sign for the advanced course in the Air Service, if they so desire. Juniors, of Course XVI only, who are not now taking the advanced course will be able to elect the work at the beginning of the second term with one extra hour a week, to be spent drilling the freshman units.

## May Transfer

Qualified Juniors, now in other units, will be permitted to apply for transfer to the Air Unit in February. Since the first-term work in Junior year consists entirely of drill, designated as MS31, those men at present in other units will have no extra work of any sort.

Seniors will not be in any way affected by this change in policy, since the Air Corps is still operating at the Institute, though this was to have been its last year. The only men immediately affected are the Junior members of Course XVI, although Sophomore and freshman members of the Aeronautics Department will be interested in years to come.

## Special Exception Made

In response to a question, Colonel Arthur stated that, so far as he has been able to determine, a special exception has been made to the Army's decision to remove the air training courses from all the colleges and schools in the country. He said he believed this exception to have

(Continued on page four)

## Aviation Ground School For Army and Navy Founded Here During War

Men Slept In Walker Memorial  
Balconies; Marched To  
Classes Daily

Men sleeping in Buildings I and II, in the balconies and gymnasium of the newly-finished Walker Memorial, students marching to class in companies, destroyers coming into the Charles River Basin and docking at a pier opposite Walker Memorial, buildings going up like magic, bands playing, soldiers drilling.

No, such scenes of hectic activity did not have their origin in the brain of an overwrought reporter but actually transpired during the war, when the entire resources of Technology were placed at the disposal of the government, and part of the Institute was transformed into a training camp for Army and Navy officers.

What is now the Hangar Gym was in those days the building in which was housed the ground school for all pilots in both the Army and Navy. Planes were overhauled and repaired here, but there was little flying done here as a sufficiently large field for take-offs and landings was not available.

In all, twenty-five buildings were erected for war-time purposes by the Institute at a total cost of \$551,420. Of these twenty-two were later demolished. Hangars, barracks, a hospital, a recreation building which could seat twenty-five hundred men at luncheon, a gunnery building, and a landing stage in the Charles River were among the structures which dotted the campus.

The gunnery building, incidentally, had a vault for storing ammunition which was

(Continued on page four)

# SIGN-UP FOR TECHNIQUE TODAY

A Record of Continuous News Service for Over Fifty Years



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

MASSACHUSETTS INSTITUTE OF TECHNOLOGY

**MANAGING BOARD**  
 C. M. Thayer '32..... General Manager  
 A. S. Ellis '32..... Editor  
 S. R. Fleming '32..... Managing Editor  
 W. H. Barker '32..... Business Manager

**ASSOCIATE BOARD**  
 D. H. Clewell '33..... News Editor  
 B. H. Whitton '33..... Features Editor  
 W. L. Sheppard '33..... Make-up Editor  
 F. W. Kressman '33..... Sports Editor  
 J. G. Hayes '33..... Advertising Manager  
 D. B. Smith '33..... Business Service Mgr.  
 G. H. Ropes '33..... Circulation Manager

**EDITORIAL DEPARTMENT**  
 Editorial Board  
 W. B. Schneider '32 C. W. Sweetser '33  
 R. T. Craig '32 A. G. Bowen '33  
 E. F. McLaughlin '32 J. L. Friedman '32  
 E. P. Newman '32 F. W. Wehmiller '33  
 R. J. Dunlavy, '32

**NEWS AND SPORTS DEPARTMENTS**  
**Photographic Staff**  
 D. A. Robbins '34 W. G. Fry '34  
**Sports Writers**  
 H. R. Plass '34 P. A. Daniels '34  
**News Writers**  
 T. N. Rimbach '34 C. S. Dadakis '34  
**Features Writers**  
 P. Cohen '34 D. Horvitz '34  
**Reporters**  
 I. S. Banquer '35 J. M. Kilroy '35  
 C. Bates '34 W. J. Kunz '34  
 R. M. Daly '35 J. P. Mather '35  
 H. H. Dow '35 S. T. Orton, Jr. '35  
 R. Green '33 D. Rubenstein '34  
 M. Hecht, Jr. '35 W. H. Stockmayer '35  
 R. B. Woolf '35

In Charge of this Issue: C. S. Dadakis, '34

**OFFICES OF THE TECH**  
 Walker Memorial, Cambridge, Mass.  
**News and Editorial** — Room 3, Walker  
 Telephone, University 7029  
**Business** — Room 302, Walker  
 Telephone, University 7415  
**Printers' Telephone, University 5650**

**SUBSCRIPTION PRICE \$2.50 per Year**  
 Published every Monday, Wednesday and Friday during the College year, except during College vacations

Entered as Second Class Matter at the Boston Post Office  
 Member Eastern Intercollegiate Newspaper Association

**BUSINESS DEPARTMENT**  
 Staff  
 R. G. DuBois '34 N. B. Krim '34  
 S. van T. Jester '34 B. Goldfarb '34  
 John D. Hossfeld '35

**CIRCULATION DEPARTMENT**  
 Staff  
 J. T. Burwell '34 K. H. Lippitt '34  
 Winton Brown '34

**ADVERTISING DEPARTMENT**  
 Associate Advertising Manager  
 K. G. Bell '33  
 Staff  
 W. R. Churchill '34 A. M. Heintz '34  
 J. R. Newell '34 John L. Fisher '35  
 Sherman T. Leavitt '34

**Combined Study of Cardiography Effects Results**

**Research Workers Announce New Medical Instrument In Review Story**

An exposition of the substance, development, and results of cardiographic research is presented in this month's *Technology Review* by Professor Vannevar Bush, of the department of Electrical Engineering, and W. D. Reid, of the Evans Memorial Hospital.

In 1887, Waller did the first work in this field with his capillary electrometer. It had already been demonstrated that there are slight differences of potential connected with muscular and nervous actions, so that it remained only to perfect an instrument for measuring these phenomena accurately.

**First Obtained in 1892**

Bayliss and Starling obtained cardiograms in 1892 showing the cyclic action of the normal heart. When Einthoven used the string galvanometer, results were greatly improved, and this has been the method used up to the present time. With the development of the thermionic tube, it was possible to record action which varied rapidly or functioned weakly.

This instrument, which records with a current as small as 10-17 amperes, has extended the range of frequencies and enlarged the resulting record. The cardiographs, with the graph of a normal heart as a standard, allow the detection of

irregularities such as fluttering, backfires, and explosions, as they are called by analogy with mechanical motors.

The Evans Memorial Hospital has been closely connected with the Institute Department of Electrical Engineering in all research on Cardiography. The result of their collaboration is this new and super-sensitive instrument which this article announces.

**Sees Engineering as Social Force**

That the advances made in the last century may be attributed to science as shown in an article by Dr. Karl T. Compton. The harnessing of power has released the energy of men for development of non-industrial phases of civilization. By increased productive power, states Dr. Compton, the years of youth may be devoted to education, the average person is freed from the constant thought given to self-preservation, and leisure time effects mental as well as physical happiness and progress.

To those who contend that the machine age is the cause of economic evils, the author replies that the present methods of conducting industry have provided increased employment. Dr. Compton makes it clear in his article that he looks to the engineer as the developer of the civilization to come.

**Article by Lobdell and Keith**

Three other articles complete the January *Technology Review*. The first, "Luxury Afloat," was written by Dean Harold E. Lobdell and H. H. W. Keith, Professor of Naval Architecture. It is the description of the problems of the great modern ocean liners. The article is accompanied

by a tabular outline of the world's merchant fleet.

"Industrial Disequilibrium," by Ralph E. Freeman, Assistant Professor of Economics, presents the true cause of economic depression, and states that overproduction is an effect, not a cause. No copy of the *Review* would be complete without the Tabular View, the Trend of Affairs, and the Institute Gazette, and they are distributed in this issue.

**fine arts** STATE THEATRE BUILDING **Second Week**  
**"Das Lied vom Leben"**  
 JUST CHOSEN AS ONE OF THE BEST FIVE FILMS OF 1931  
 NATIONAL BOARD OF REVIEW

**BETTER FOOD Means a Better Year**  
**THE ESPLANADE**  
 Cafeteria offers it to you by GOOD SERVICE AND CLEANLINESS  
 Save 10 per cent by using our Coupon Books  
 23-25 Massachusetts Avenue at Beacon Street

**CHAOS**

RELIGIOUS fanatics have, in recent years, taken to long tirades which reveal the "terrible truth" that the modern college student is drawn away from the religious ties he knew at home, and charging that higher education is killing much of the spiritual beauty of life. Peculiarly enough, the Technology Christian Association has had an experience which might indicate that it is high time for repenting and redemption.

With the admirable intention of bringing the Technology student into closer contact with local churches, this organization mailed to each freshman, before school officially opened this fall, a blank which when signed by his own pastor and returned to the T.C.A. would allow him membership in the church of his denomination in Boston or Cambridge during his four years here, thus in no way forcing him to sever his home connections, and offering temporary membership in a local church while a student at Technology. These blanks, with proper instructions, were sent to six hundred new men; eighteen accepted the offer.

Nothing daunted, the T.C.A. set about to revise its mailing list. It was found that 35 per cent of the freshmen had indicated no church preference on their freshman cards. Accordingly, these men, along with those who would live at home while students at Technology, and also those who were members of churches which would require no such arrangement, were promptly deleted from the list. The revised list contained about two hundred members of the first-year class.

A new letter was drawn up before the Christmas holiday, new blanks enclosed, and these two hundred men were given a second opportunity to this offer. Thus far no replies have been received! We may lay this to the possibility that insufficient time has elapsed since mailing this letter; we may assume the mailing list is still at fault. At least it is apparent that the T.C.A. is having its difficulties in locating students who will willingly be saved.

Student apathy to matters of a religious nature is nothing new, but whether or not this experience is indicative of a regrettable situation at Technology we are in no position to judge. Perhaps we may expect the proverbial thunderbolt any instant, perhaps not. At any rate, the T.C.A., in light of a discouraging disinterest, should be commended for its repeated efforts to keep Technology students to the way of the good and the pure.

**TECHNIQUE ONCE AGAIN**

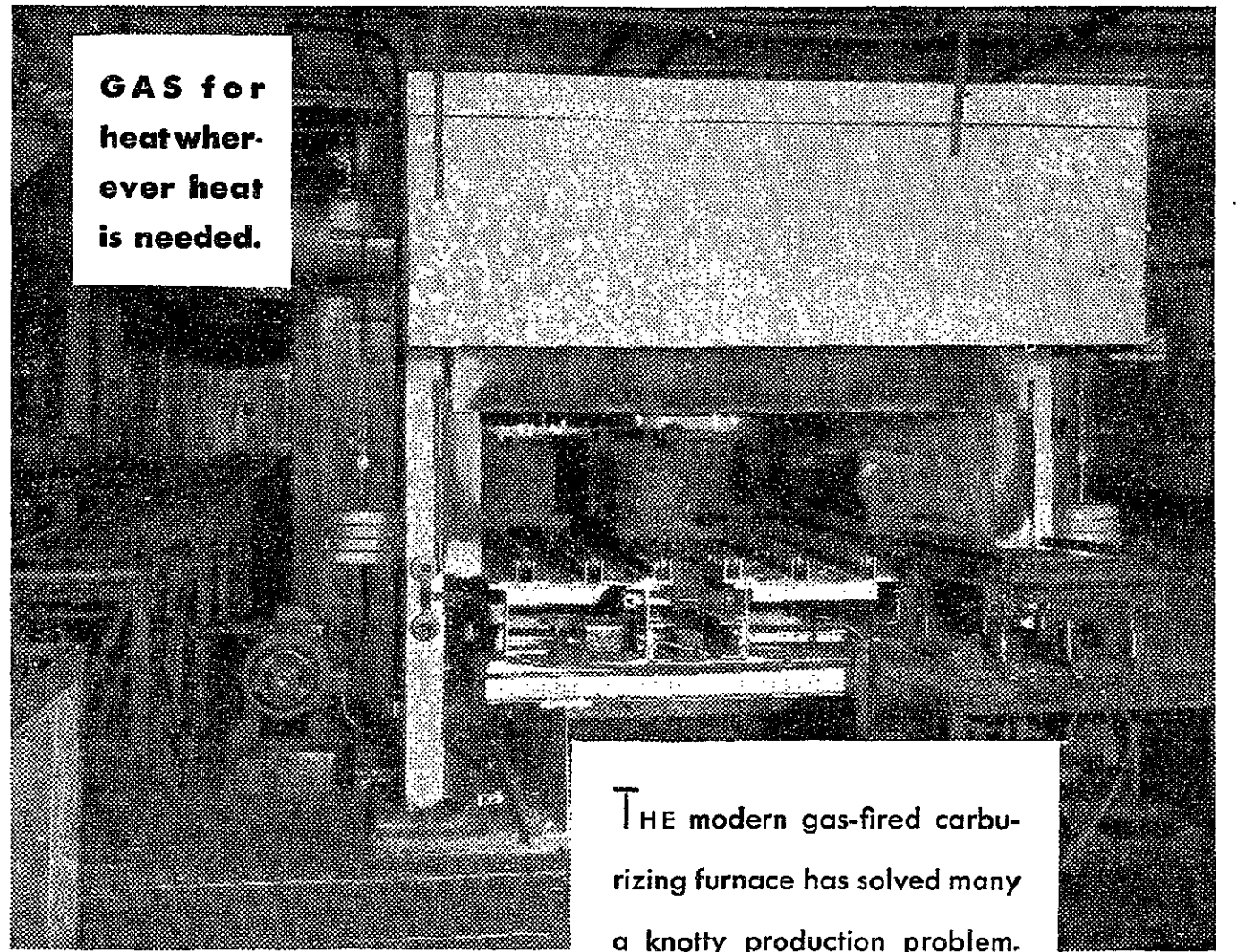
AFTER a lapse of sales activity since Registration Day, *Technique* is this week renewing its efforts to sell signups for the Institute yearbook, that important chronicle of Technology undergraduate activities.

Appearing with a much improved make-up, increased size, and new material, *Technique* received much favorable comment after its delivery to students and Faculty last spring. One tangible sign of its favorable reception is an order for one hundred copies that has been received from an Institute official. Such an order has not been received before. Faculty and administration members are not alone in their expressed approval of the improved volume. Student remarks were all of a commendatory nature.

As a permanent record of Institute activities, *Technique* fills a place in Institute life, and as such a record it deserves a place in the undergraduate library. Its many photographs and well-written description make it a valuable record of the year at Technology.

Again this year *Technique* offers its inducement to subscribe to the publication at reduced rates during its sign-up campaign. By making a deposit in the form of a sign-up, one not only assures himself of obtaining a copy of the book, but also obtains it at a price considerably below that charged when the publication is issued. With the quality of the volume issued last year and the promise of a similar volume this year, this undergraduate publication should have little difficulty in securing sign-ups, and the student body will benefit by the reduced price and the assurance of a reserved copy.

*Gas* **HEAT**  
 for **CARBURIZING**



**GAS for heat wherever heat is needed.**

**THE** modern gas-fired carburizing furnace has solved many a knotty production problem. The new free book "Gas Heat in Industry" may help you solve a few knotty problems.

**AMERICAN Gas ASSOCIATION**  
 420 Lexington Avenue, New York



## BEAVERS FAVORED TO DOWN HUSKIES IN DOUBLE-HEADER

Technology Sextet Has Slight Edge In Early Morning Scrimmages To Date

### FIRST GAME FOR N. U.

Having had plenty of opportunity to practise during the holidays, a faster, and a better-conditioned Technology hockey team will go on the ice tonight, when the Beavers play Northeastern University. For the other half of the twin bill, the Melrose Hockey Club meets the Boston Hockey Club.

Last year the Huskies beat Technology 2-0. The Beavers had a better team but lack of a competent goalie caused the Engineers a defeat. This year, Capt. Tommy Regan and his teammates will put it all over the boys from Huntington Avenue if they play the brand of hockey that they displayed in the Boston University game before the holidays. Regan and Joe Fahey scored two goals in the last ninety seconds of a ten-minute overtime period, to win the game, 3-2.

### Huskies Lose Veteran

Northeastern will undoubtedly feel the loss of Dick Sommers, a veteran forward, who is ineligible. On the first line the Huskies will have Capt. Bill Carter, right wing; Herbert Gallagher, center; and Maurice Rice, left wing. Simon Anderson and Matthew Walsh will play right and left defense, respectively, and James Denton will start in the goal.

This will be the first game of the season for the Huskies although they have been practising since November. Technology and Northeastern have had several scrimmages during morning practice sessions at the Arena and the Beavers seem to have only a slight edge, if any. Going into the fray as the underdog, Northeastern may be looked to to put up quite a battle and may even surprise their confident opponents.

### Second Game to be Hot

Considering the game of hockey played by the Melrose Hockey Club in its match with the Beavers during the holidays, the Melrose-Boston Hockey Club game should sizzle with action. The Beavers received even more punishment at the hands of the Clubmen than they did in the Princeton game. Several fights were nearly started, and at the termination of the fray the Beavers were nearly crippled. The first game will start at 8.15 o'clock.

## Will Recuperate At Mt. Monadnock After Term Examinations

Students To Spend Four Days At The Ark Following Examinations

Two men have already signified their intention of joining the group being organized by the T.C.A. for a trip to Monadnock Mountain to be held after the mid-year examinations. Calvin H. Mohr '33, was appointed by the Executive Committee of the T.C.A. to arrange the trip and has sent letters to those members of last year's group who are at Technology at the present time.

Although these men will be given first choice, it is expected that accommodations can be made for all those who wish to go. The party will stay at The Ark, a hotel at the base of the mountain. Most of the time will be spent in skiing, skating, mountain climbing, and other sports. Students who wish to be included in the party should notify the T.C.A. so that arrangements can be made. Expenses for the trip will be \$5.05 for a round-trip railroad fare to Jaffrey, New Hampshire, and \$12.00 for board and room. The party will leave on Saturday afternoon at the close of the mid-year examinations and will return on the following Tuesday afternoon, although those who wish to remain longer may do so.

According to the United Press, "rumble-seat colds" are blamed by university authorities for the epidemic of running noses which has spread so widely about the campus of the University of Kansas. The university physician has warned against "close contact and promiscuous osculation."

## Registration Material Will Be Ready Friday

Registration material for the second term will be given out on Friday, January 8. Material for first-year students will be distributed in the Chemical Laboratory sections, for those who take Chemistry 5.01. Those who do not take Chemistry may obtain material at Assistant Dean Thomas P. Pitre's office, Room 4-256, except Course IV which is available at Rogers Building.

Material for upperclassmen may be obtained in the Main Lobby, except Course IV and IV-A, which may be obtained at Rogers Building, and Course VI-A, which should be obtained from Professor Karl L. Wildes '22, Room 4-205. After 1 o'clock, registration material may be obtained at the Information Office.

All registration material must be filled and returned to Room 3-106 before 1 o'clock January 15, to avoid the fine of \$5.00.

## Seniors Admitted Free Of Charge To Class Dance

Will Meet Expenses With Funds From Class Treasury; Junior Ushers

One week from this Friday, the Class of 1932 will enjoy its annual spree, the Senior Dance. All expenses of the affair will be borne, as is customary, by the Class treasury. Because of this fact, and also because it is an exclusive affair, the graduating class looks forward to this event each year with a great deal of interest. Walker Memorial will again be the site of the dance.

Following the usual procedure in the matter, the officers of the Junior class will act as ushers for the dance. Also in keeping with a precedent established many years ago, the President of the Institute and his wife will be among the chaperones.

### Food Will Be Served

Ice cream and cake will be served a la carte by the Walker Memorial dining service. The committee, in making these arrangements, felt that they would place the annual Senior Dance among the more worthwhile functions to be attended during a man's stay at Technology.

As a further attraction, the Technicians will play and will contribute their large part towards making the evening one to be enjoyed and remembered. This band, the committee says, holds a very high place in the opinions of all Technology men, and it is said that they will be at their best for the Senior Dance, with many novelties and special arrangements included in their renderings.

### Tickets Next Week

According to age-old custom, tickets will be issued without charge to Seniors. They will be distributed on Tuesday, Wednesday and Thursday of next week in the Main Lobby.

## TECH SENDS DELEGATE TO RHODE ISLAND

Technology was represented by A. Steve Avakian '33, at a "Go to College" meeting held at the Providence Y.M.C.A. during the Christmas recess. The purpose of the meeting was to provide an opportunity for Providence high school students to talk with representatives of several colleges so that they may learn something about the institution of their choice.

Thirty-seven colleges were represented and the meeting lasted over two hours. Each delegate occupied a separate desk which bore the name of his college. Four of the boys present were much interested in Technology and for some unknown reason all four intend to study Architecture.

One dormitory at Carnegie Tech requires its freshmen to chew tobacco because the upperclassmen don't think the first-year men have acquired enough extreme masculine habits.

## SECOND HANDICAP MEET OF SEASON VERY SUCCESSFUL

Freshmen To Meet Andover For First Time In Indoor Track Meet

### VARSITY MEN DO WELL

In the second handicap track meet of the current season for the freshman and Varsity runners, which was held on the last Saturday afternoon before vacation, Coach Oscar Hedlund's men displayed some very fine running. The events run off were 60-yard low hurdles, 60-yard dash, 1000-yard run, 300-yard run, 600-yard run, pole vault, and shot put.

As in previous meets the events were run in three heats. The freshman and Varsity competitors ran in separate trial heats and then a final heat was made up of the winners of each.

### Freshman Track Starts Indoors

Technology's freshman track is scheduled to run in an indoor meet against Andover on January 16 at Andover. This will be the first indoor engagement that Technology runners have ever had with this school. Events for this meet are as follows: 40-yard high and low hurdles, 300-, 600-, and 1000-yard runs, shot put, pole vault, broad jump, and high jump.

Summary of the second handicap meet is as follows:

**60-Yard Low Hurdles**  
Freshmen and Varsity  
1st heat: 1st, Lockhart, handicap 1 yd.; 2d, Bartlett, 1 yd. Time: 7 2-5 sec.  
2d heat: 1st, Hill, 2 yds.; 2d, Hall, 2 yds. Time: 7 2-5 sec.  
Final heat: 1st, Hill, 2 yds.; 2d, Lockhart, 1 yd.; 3d, Hall, 2 yds.; 4th, Bartlett, 1 yd. Time: 7 1-5 sec.

**60-Yard Dash**  
1st heat, freshmen: 1st, Keefe, 3 ft.; 2d, Nelson, 4 ft.; 3d, Cettomai, 5 ft.; 4th, Gleason, 5 ft. Time: 6 4-5 sec.  
1st heat, Varsity: 1st, Kinraide, 3 ft.; 2d, Lockhart, scratch; 3d, Ball, 3 ft.; 4th, Hill, scratch. Time: 6 4-5 sec.  
Final heat, freshmen and Varsity: 1st, Kinraide 3 ft.; 2d, Ball, 3 ft.; 3d, Lockhart, scratch; 4th, Keefe, 3 ft.; 5th, Cettomai, 5 ft. Time: 6 4-5 sec.

**1000-Yard Run**  
1st, Buresh, 50 yds.; 2d, Holby, 20 yds.; 3d, Kearns, scratch; 4th, Mann, scratch; 5th, Conant, 5 yds. Time: 2 min. 21 sec.

**300-Yard Run**  
1st heat: 1st, Holby, 8 yds.; 2d, Hill, scratch; 3d, Gleason, 10 yds.; 4th, Wilkins, 12 yds. Time: 35 1-5 sec.  
2d heat: 1st, Mulliken, scratch; 2d, Cettomai, 8 yds.; 3d, Lincoln, 8 yds.; 4th, Herkert, 10 yds.; 5th, Foley, 12 yds. Time: 35 sec.

**600-Yard Run**  
1st, Schwarz, scratch; 2d, Hall, scratch; 3d, Sousa, 5 yds.; 4th, Chalmers, 15 yds.; 5th, Alden, 25 yds. Time: 1 min. 19 3-5 sec.

**Pole Vault**  
1st, Dixon; 2d, Stark; 3d, Prestwich. Height: 10 ft., 6 in.

**Shot Put**  
1st, Prestwich; 2d, Winerman; 3d, Greenlaw. Distance: 38 ft., 9 in.

The Washington and Lee *Ring-Eum-Phi* for October 17, 1917, contains an account of a group of students who were walking along the North River when one of their number offered \$10 to anyone who would jump overboard with his clothes on. A freshman law student plunged into the stream. Strangely enough the bet was collected.

In order to get the girls back to the dormitory and send the Lehigh men home, the Cedar Crest officials turned out the lights. The evening just began.

## Walton Lunch Co.

- 420 Tremont Street
- 629 Washington Street
- 80 Haymarket Square
- 6 Pearl Street
- 242 Tremont Street
- 1085 Washington Street
- 44 Scollay Square
- 392 Massachusetts Avenue
- 19 School Street
- 437 Boylston Street
- 1080 Boylston Street
- 34 Bromfield Street
- 540 Commonwealth Avenue
- 204 Dartmouth Street
- 105 Causeway Street

ALLSTON  
1215 Commonwealth Avenue  
CAMBRIDGE  
78 Massachusetts Avenue

# BEAVER BRAWN

New Year's and no news combine together for a new column. Since the contents of sports columns are ordinarily trite, this one will certainly keep up the tradition. With the wonderful teams that have come out of Technology this season, the department must just break out with the news.

Technology's two major winter sports, basketball and hockey, are enjoying varying degrees of success. The hoopsters got off to a big start, with Gene O'Brien doing all of the shooting. Newport Naval was a setup for the Beavers, with the Crimson Independants the first real test for the Engineers. Successful in this game, the basketball team dropped its third game to Rhode Island, to crash all Beaver hopes of a long string of victories, broken perhaps only in the Harvard game next week.

Three games are on the slate for next week, with Clark Wednesday, Harvard Friday, and Brown the next night. Coach McCarthy has another setup in the Clark game, which will give him a chance to try some of these much-tooted subs of his. The other two games are no cinches, for the Beavers have a small (if any) chance in overcoming the Crimson team. Brown is more in the Engineer class.

Hockey got its first setback this season when an inexperienced coach took the place of the veteran Stewart. Since that time they have shown remarkable total lack of teamwork and offensive play. Last season Coach Stewart was praying for a goalie, for he had good offensive and defensive talent.

Now Duplin is in the opposite situation. He has a very nice goalie in Milliken, and another in a much improved Whiston. But the offense doesn't function at all; at least it hasn't to any great extent in the four games so far. At least there is hope for improvement in the Northeastern game at the Arena tonight, for Northeastern is not so good, either.

F. W. K. '33

## ALUMNI HEAR TALKS ON YEAR'S BUSINESS Two Hundred Graduates Of Course XV At Conference

(Continued from page one)

Economic Conditions." Considering the decline in prices from a national and international point of view, Professor Dewey said:

"Prices of commodities in general have fallen 30 per cent in less than three years. The fall in prices of finished goods, however, is not one-half that of the average price decline. Fixed charges have remained almost stationary.

"The fall of prices has increased the burden of reparations imposed upon Germany by one-third.

"Due to this decline in prices, England owes the United States, as measured in commodities, after paying us hundreds of millions, more than she did when she began to make payments."

### Outstanding Economist

Professor Dewey is one of the outstanding economists of the country, and his observations were of unusual interest. The marketing of manufactured goods, a topic of particular interest in every industry today, was discussed by Professor Robert F. Elder, who is widely known for his studies in marketing.

Changes in corporate financial policy were discussed by Professor Floyd E. Armstrong, of the department of Economics, and Professor Wyman P. Fiske spoke on "Significant Changes in Accounting Control." Professor Schell, who presided at the conference, reviewed important trends in production management.

## Railroad Leader Will Give Second Aldred Lecture

Lucius S. Storrs Will Speak About "Engineering Experiences"

Lucius S. Storrs, president of the United Railways and Electric Company of Baltimore, will deliver the second Aldred Lecture at the Massachusetts Institute of Technology on January 8, when he will speak on "Engineering Experiences."

Mr. Storrs has long been prominent in railroad and business circles and is well known in New England. He was formerly vice-president of the New York, New Haven and Hartford Railroad and president of the New England Investment and Security Company. From 1914 to 1925 Mr. Storrs served as president of the Connecticut Company in New Haven, following which he was managing director of the American Electric Railway Association for four years. He has occupied his present position as chairman and president of the United Railways and Electric Company of Baltimore since 1929.

Mr. Storrs is a graduate of the University of Nebraska in the Class of 1890. He received the degree of Master of Arts in 1904 from the same institution, and in 1927 the honorary degree of doctor of engineering. Mr. Storrs is a member of Sigma Xi and of the American Association for the Advancement of Science.

# Don't Run the Risk

Of Losing

# A Dollar

Or Not Getting Your

# Technique

# SIGN UP NOW

AND CHARGE IT

TO YOUR BURSAR'S ACCOUNT



Another successful RENTAL season for our **DOUBLE BREASTED TUXEDO** at student rate of \$2.25 ♦ Single Breasted \$1.50

**READ & WHITE**

111 Summer Street ♦ BOSTON ♦ 93 Massachusetts Ave.

# OFFICIAL BULLETINS OF GENERAL INTEREST

Physics and Physical Chemistry  
Massachusetts Institute of Technology  
Wednesday, January 6, 4.00 p.m., Room 4-402  
Theoretical Seminar for Graduate Students. Professor P. M. Morse will talk on "Atomic Wave Functions."

Thursday, January 7, 3.00 p.m., Room 8-105  
Joint Conference, Inorganic, Organic, and Physical Chemistry: "The Fluorides of Silicon." Mr. E. L. Gamble.

Thursday, January 7, 4.00 p.m., Room 4-231  
Physics Colloquium:  
The New Orleans meeting of the American Physical Society. Dr. K. T. Compton.

Aidred Lecture  
Friday, January 8, 3.00 p.m., Room 10-250  
Mr. Lucius S. Storrs, President of the United Railways and Electric Company of Baltimore, will speak on his "Engineering Experiences."  
Open to Juniors, Seniors, graduate students, and the Faculty.

## C·A·L·E·N·D·A·R

### Wednesday, January 6

5.00 p.m. — Beaver Key Society meeting in West Lounge of Walker Memorial.  
7.30 p.m. — Sleepy Hollow Boys orchestra rehearsal in East Lounge of Walker Memorial.

### Thursday, January 7

5.00 p.m. — Banjo Club rehearsal in East Lounge of Walker Memorial.  
5.00 p.m. — Institute Committee meeting in West Lounge of Walker Memorial.  
6.00 p.m. — Instrumental Club rehearsal in East Lounge of Walker Memorial.  
8.00 p.m. — Armenian Club play rehearsal in West Lounge of Walker Memorial.

### Friday, January 8

3.00 p.m. — Aidred Lecture by Lucius S. Storrs in Room 10-250.  
6.30 p.m. — Annual T.E.N. banquet in Faculty Dining Room of Walker Memorial.  
6.30 p.m. — Steel Treators' Society dinner meeting in North Hall of Walker Memorial.

### Undergraduate Notices

#### FACULTY PHOTOS

Members of the Faculty are urged to appear at the Technology Photo Service as soon as possible to have their pictures taken for the 1932 *Technique*. There is not much time left and the Board is anxious to have every member represented.

#### BIOLOGICAL SOCIETY

There will be a meeting of the Sedgwick Biological Society on Wednesday, January 13, at 7.30 o'clock in the Emma Rogers Room of the Institute. There will be a short business meeting followed by a talk by Professor F. K. Morris of the Geology Department. He will talk on "The Earth and Life." This is to be an illustrated lecture and should prove most interesting and instructive to the biologist. A social hour will follow. All are cordially invited.

#### BEAVER KEY SOCIETY

The Beaver Key Society will hold a meeting this evening in the West Lounge of Walker Memorial at 5 o'clock.

#### Infirmary List

Burke, James '34  
Chase, Clarence M. '32  
Forbes, Robert '33  
Kut, Walter '33  
Potter, William (employee)  
Weber, Carl (employee)

#### Brooks Hospital

Austin, Charles '36

### AIR CORPS UNIT TO BE CONTINUED HERE

### War Department Decides On Action Following Protest

(Continued from page one)

been made entirely as a result of a strong protest entered by President Compton last year, when the removal at Technology was announced.

Announcement had been made last spring by the War Department that in its opinion there was no need for maintenance of the collegiate training units. A survey had shown that a sufficient quantity of ground officers, the positions for which R.O.T.C.-trained men are eligible, was being prepared from the group of young officers who had not qualified for flight work at the Army's two air-training schools, Brooks and Kelly Fields.

Further developments in regard to the re-establishment of the Air Unit at Technology will be reported at a later date in THE TECH. Meanwhile, all Juniors who are qualified for the course, and are interested, should see either Colonel Arthur or Captain Frierson.

### SPORTS DESK

As well as a hard week for the varsity ball-tossers, the Jayvees, assuming their full rights this year for the first time, are accumulating a schedule with neighboring Junior varsity teams, which begins to assume the full proportions of a game schedule. Men on this team journeyed to the Harvard Gym on the Saturday before vacation, and met the Harvard squad, and they will continue with four more games, two with Tufts, another with Harvard, and a possible one with Boston University.

Injuries this year on the basketball team have not menaced the squad to a serious extent, but there have been several which have caused a little trouble. Dan Emond, from last year's freshman team, broke a bone in his foot early in the season, in a game of football, but was practicing again before Christmas and is now fully recovered. In the Jayvee game with Harvard, Bing Crosby sustained some contusions of the inner nose, which required an operation during the holiday, but he will play again as soon as it is entirely healed.

While on the subject of injuries, it now looks as though the wrestling team might be handicapped by the loss of the services of Captain Vassalotti for a meet or two. He has had trouble with a trick knee this year, and last night in working out, it gave out again. Vassalotti has been the scoring backbone of the squad during the years he has been here and is counted on for a good deal this year, as captain.

In the rather unfortunate wrestling meet with Harvard, before the vacation, two men who would have done much to improve the team's standing, were unable to compete because of injuries. Lou Vassalotti's knee was bothering him at that time, and Koller, wrestling heavy-weight, had pulled an elbow ligament. Putnam replaced Koller, and Poole, Vassalotti.

Amherst swimmers are coming out to the University Club pool next Saturday afternoon, to meet the Institute team. So far, the Institute lineup has not been announced, but the men are all reporting for practices after the vacation, and few are suffering from the colds commonly associated with the sport.

One of a group of five famous American portraits on exhibition at the Metropolitan Museum is one by Samuel Morse, inventor of the telegraph, who was an artist before he took up invention.



As another famous columnist would do it: J. (Modee) Graham is a-Bunnying. . . Tubby (Snubby) Rogers gave the reporter Hell, but it was "oke" 'cause the reporter knew the girl. . . Tubby was right, though. . . Boilers Eddie Miller, at looking at the "No Smoking" signs in the Steam Lab, "Somebody did not have a Hell of a lot to do." . . . Eddie was chawing on a smelly El Ropo. . . Lounger still owes Sir Leako an apology for not using those ducats. . . Sorry, Jimmie. . . That Scabbard and Blade grip, Gawd. . . Voo Doo copied, as usual. . . A popular sergeant will be inducted into a military fraternity soon, neither the sergeant nor the fraternity know it yet. . . Voo Doo is lousy, the Lounger does not like Voo Doo, heh? Potts, old kid? . . . Will Triple E be the next head of Course 9, some say yes, some say no. . . It is time Voo Doo had a reawakening. . . The Senior (crash) Dance will soon be held. This is the easiest crashed function in the easiest crashed hall in the world. . . Whiskers Lappe is nude, he lost his only sign of manhood (a big moustache) when a gang of Sophs shaved half it off. . . Don Gilman (president by Gawd) has suppressed literary desires. . . The Institute Committee stole an old *Technique* that belongs to the Lounger's henchmen. It is still on their desk. Robber. . . The blonde T.C.A. stenog is now a THE TECH stenog. Specification: Blonde. . . The basketball team gets an allowance to feed its opponents, then gives them a cheaper meal and eats the balance itself. . . The Soph dance committee has an unbeatable system (braggers). They will stamp the back of the hand instead of using checks. This can be beaten by etching the stamp on with a burnt match. Think of a new one, boys. . . Tech at Swellesley does not matter to a damn (even less). . . The Soph dance will have spiked punch.

### Walker Memorial Used As Barracks During Last War

#### Institute Served As Training Station For Many Men In 1917-1918

(Continued from page one)

forgotten at the time the building was torn down, but was rediscovered, to cause much perplexity during the construction of the new dormitories.

#### Plans Drawn on Soap Box Lid

The buildings, mostly temporary structures, were raised in the utmost haste, none taking more than a month to build. As an illustration of how hurried was the construction, the plumbing plans for one structure were drawn on the lid of a soap box with a piece of chalk.

The Military Police had their headquarters here, and in the words of Mr. William Jackson of the Information Office, were "certainly a tough bunch." They were mostly used to police the city of Boston.

Technology, during the war, gave instruction to 8,802 men for Government service, especially aviators and officers in the Merchant Marine. In addition, 156,437 men trained here with the object of fitting themselves to become material for officers in the Army and Merchant Marine.

#### Marsh Filled In

In order to furnish the seamen with a drill ground, the area between Walker Memorial and the main buildings of the Institute, which previously was little better than a marsh, was filled in.

So cramped were sleeping quarters that at times men slept in the corridors and the

### BASKETBALL TEAM WILL PLAY THREE GAMES NEXT WEEK

#### Clark, Harvard and Brown To Be Played By Varsity In Four Days

#### FROSH PLAY SATURDAY

After a week of practice to get back into form, the freshman and varsity basketball teams will resume their schedules. The first-year aggregation starts things off this Saturday, January 9, with a game at Dean Academy. The varsity squad will get into action next week, playing three games in four days. Clark University will be played at home on Wednesday, January 13; Harvard on Friday, and Brown on Saturday, the last two games being played away.

Harvard is undoubtedly Technology's hardest game, and it is unfortunate that this should come between two other games which are also far from setups. This year's Crimson quintet does not seem to measure up to that of last season, but comparative scores seem to give them an edge over the Engineers.

#### Junior Varsity Loses to Harvard

Two games were played on the Saturday before the Christmas holidays. The Junior varsity lost to the Harvard Seconds by a 29-16 count, in a rather one-sided game. Coon, who played an excellent floor game, and Captain Steele, who scored six points, were the best Beaver players.

After the Junior varsity contest, the freshmen lost their second game in three starts to the Harvard yearlings in an interesting and hard-fought encounter. As in the Rhode Island State game, the first half was fairly even, with Harvard leading 13-11. The later periods saw the Crimson draw away to ring up a final margin of 35-24. Harvard showed the usual lot of promising material. Boys, a forward, led his team with fourteen points. For the losers, Szczechowicz and Peterson, with six points, and Fitzgibbon, with five, stood out.

At the present time the varsity have won two out of three starts, while the freshmen have been victors in one of their three contests.

With the opening of the hunting season in Schenectady several Union College students were seen carrying guns, but headed for the pawn shop, rather than the forest.

Walker Gym was converted into a barracks before the woodwork was put in, while the balconies were walled off with canvas and furnished with cots; but this activity was only temporary. As soon as the war ended, the quickly-built buildings were as quickly demolished except for those which were converted to other uses, the overcrowding was remedied, and everything resumed its normal tone.

**We do our own cooking and that's why it's so good**  
**Lydia Lee - Luncheon**  
OPEN 7:30 A.M. to 3:00 P.M.  
Opposite Aeronautical Laboratory

**LATE MODEL Tuxedos To Rent \$1.50**  
With Silk Vest  
All Suits One Price—Clothing Complete Outfitters  
**CROSTON & CARR CO.**  
72 SUMMER STREET, BOSTON

Happy New Year To You All  
Walker Dining Service

### CHURCH MEMBERSHIP IS URGED BY T. C. A.

#### Letters Sent To Assist New Men In Joining Churches

In an effort to bring Technology students into closer contact with local churches of their respective faiths, William C. Schumacher '34, of the Religious Division of the T.C.A., has sent letters to the pastors of twenty-nine churches near Technology inviting them to cooperate in the work being conducted by the T.C.A. Just before the Christmas vacation letters were sent to two hundred first-year students living in the dormitories and fraternity houses. Blank letters of introduction were enclosed which were to be filled out by the pastor of the student's home church and sent to the pastor of a local church. It is expected that this service will aid students in making connections which will be of benefit to him while at Technology.

The *Bradley Tech* believes, "Nothing makes writers write as well as thinking does; nothing makes thinkers think as well as writing does. There are many thinkers who do not write. There are many people who are writers, but who never find it necessary to think."

Be Popular.  
Learn All The Latest Ballroom Dances  
Private lessons at any time  
Class every Tuesday evening at 8.30  
Special rates to students  
Young Lady Teachers  
The Papanoe Studios  
1108 Boylston Street, Boston  
Near Massachusetts Ave. Telephone, Commonwealth 8071

## Here's One Smoke for MEN

Let the little girls toy with their long, slim holders—let them park scented cigarettes with their powder compacts. That's the time for you to go in for a REAL MAN'S smoke.

And what can that be but a PIPE!  
There's something about a time-proven, companionable pipe that does satisfy a man's smoking instincts. You become attached to it—like the way it clears your head, stirs your imagination, puts a keen edge on your thinking.

And you know the heights of true smoking satisfaction when you keep your pipe filled with Edgeworth. It's the finest blend of choice, selected burleys. And its mellow flavor and rich aroma have made Edgeworth the favorite among pipe tobaccos in 42 out of 54 leading American colleges and universities.  
Edgeworth? You can buy Edgeworth wherever good tobacco is sold. Or, if you wish to try before you buy, send for special free packet. Address Larus & Bro. Co., 105 S. 22d St., Richmond, Va.

### EDGEWORTH SMOKING TOBACCO

Edgeworth is a blend of fine old burleys, with its natural savor enhanced by Edgeworth's distinctive and exclusive eleven-step process. Buy Edgeworth anywhere in two forms—EdgeworthReady-Rubbed and Edgeworth Plug Slice. All sizes, 15¢ pocket package to \$1.50 pound humidior tin.

