

## ELECTIONS TO BE CONDUCTED TODAY FOR SENIOR WEEK

Class of 1926 To Choose Nine  
Marshalls and 25 Com-  
mitteemen

### GIVE RESULTS TOMORROW

Preferential and Hare-Spence  
Systems Will Be Used  
In Counting

Polls will be open in the Main Lobby today from 8:30 o'clock to 5:30 o'clock for Senior Week Elections for the selection of three Class Day Marshalls, and 25 members of the Senior Week Committee. There are a total of nine candidates for Marshall, and 36 for membership in the committee.

All Seniors who were members of the Class of 1926 last year are eligible to vote, and are requested to vote for as many candidates as they please, numbering the names in order of their preference, for candidates to each office.

#### Counting of Votes

Counting of votes will be conducted as in the past. Votes for Marshall will be counted by the Preferential System, and those for Committeemen by the Hare-Spence System. The latter method was adopted for Committee elections in order to decrease the number of votes required for election, thus decreasing the amount of work necessary to count the ballots.

Results of the elections will be announced at the regular meeting of the Institute Committee to be held tomorrow afternoon for approval by that body.

After elections, the Senior Week committee is subdivided into several sub-committees which govern the activities and arrangements for Senior Week. The position of Marshall is essentially honorary, as no provision is made for any connection with the committees. For this reason, it is perfectly permissible for Seniors to hold both the position of Marshall and Committeeman, if elected.

## TICKETS ON SALE FOR R. O. T. C. BALL TODAY

Tickets and preliminary orders for the R. O. T. C. Military Ball, to be held Friday, in the Main Hall, Walker, may be secured today and tomorrow in the Main Lobby between 12 and 2 o'clock for \$2.50 a couple. Stag tickets may be secured at the door for \$1.50. Since the affair is formal, dancing will last until 1 o'clock.

Ray Stewartson's orchestra of ten pieces augmented by two singers will furnish music. The hall will be decorated in military fashion, and articles from all branches of the service will be on exhibition.

Col. and Mrs. F. W. Phisterer, Major and Mrs. L. E. Goodier, and Lt. and Mrs. E. H. Levy will act as chaperones. The dance is being run under the auspices of the Scabbard and Blade and ushers will be members of the Mortar and Ball.

## MAIN LIBRARY TO ISSUE BULLETIN

Adopting a new method of acquainting the Institute of the new books acquired by the library a mimeographed bulletin will be issued at regular intervals. It will be known as "The Institute Library Booklist."

This booklist will give from time to time the more important or interesting books added to the library, including its departmental branches. It will be sent to all members of the Instructing Staff, and may be obtained by students as long as the supply lasts.

## RADIO SOCIETY TO MEET FRIDAY NIGHT

Professor Frederick S. Dellenbaugh '21, Dept. of Electrical Engineering, will address a joint meeting of the M. I. T. Radio Society and the Boston Section of the Institute of Radio Engineers Friday at 8 o'clock in room 10-275.

"Single Phase, Small Current Rectifiers" will be the subject of his discussion covering the manufacture, design and operation of such devices, particularly B battery eliminators.

## To Elect Senior Marshalls Today

Three of the following nine Seniors will be chosen as Class Day Marshalls in the Senior Week Elections to be conducted in the Main Lobby today:

A. Sidney Brookes  
Millard M. Greer  
Ralph W. Head  
Henry W. Jones  
Elmer F. Knight  
George J. Leness  
Kenneth S. Lord  
Raymond Mancha, Jr.  
Harold J. Ryan

At the same time the Senior class will select 25 members for the Senior Week Committee.

## DEBATERS DEFEAT TEAM FROM TUFTS

Show That the United States  
Should Not Enter  
League

Upholding the negative side of the question, "Resolved: That the United States should enter the League of Nations," the Technology debating team defeated the Tufts College team last Friday evening in the last home debate of the season. Tufts had already won two contests, with Bowdoin on the same question.

Speaking for the affirmative, the Tufts team, composed of James E. Nickerson '27, Francis H. Russell '26, and Clarence A. Roberts '26, attempted to prove that the League is an organization for the promotion of world peace and that it is our moral obligation to join. The opposition was dismissed by the statement that its arguments were inconsequential.

Technology showed, on the other hand, that it is not necessary to enter, as we are not justified in guaranteeing the security of Europe. It was also shown that we could do as much, if not more good by remaining outside the League, and that we are at present assuming as much of the world's burden as is consistent, special mention being made of the Washington Disarmament Conference.

Technology was represented by John W. Sullivan G., Howard H. Burt '29 and James C. Evans G. The judges were Mr. William H. Best, Mr. Floyd E. Williamson and Mr. Martin P. Harney, while Professor Harry W. Tyler '84, acted as chairman.

## TECHNIQUE EXTENDS DRIVE FOR SIGNUPS

Due to the relatively slow manner in which students have responded to the signup campaign, the Technique board has decided to extend the campaign until tonight. The year book sales have shown a marked decrease over last year.

After tonight the price of Technique will become two dollars. The managing board states that unless the original quota has been attained, copies will be limited to the number of signups.

April 17 is the date announced for the appearance of the year book. Signups will be redeemed at that time. This date marks the opening of Junior week, and it will officially begin with the Technique rush, in which a copy of the year book will be given free to the winners.

## Professor Blanchard To Begin Series Of Ten Lectures On Atomic Structures

To Explain The Latest Theory  
In a Non-Mathematical  
Description

On Tuesday, March 2, at 8 o'clock in the morning, Professor Arthur A. Blanchard '98 opens his series of lectures on atomic structure. This series of lectures, which Professor Blanchard offers each year, is to outline completely the world's present knowledge of atomic structure in an essentially non-mathematical manner. The Institute offers these lectures as a course with an examination, but anyone wishing to attend may do so without registering for it.

Within the last few years great ad-

vances have been made in the methods of studying matter, and Professor Blanchard will explain the latest theories covering this subject. It is now possible to perceive the effects produced by single atoms so that atoms may be counted one by one, and the existence of atoms is no longer a matter of doubt. All atoms are built up of the same substances, namely protons and electrons.

According to Professor Blanchard, "the atoms instead of being solid impenetrable particles are really systems of electrons and protons, probably in orbital motion, the actual space filled by the particles being to the volume of the system much in the same proportion as the size of the sun" (Continued on Page 4)

## NEXT VOLUME OF T. E. N. WILL BE HEADED BY TRUE

Managing Board of Volume VI  
Announces Elections For  
Coming Season

### G. B. DARLING IS EDITOR

Edward D. True '27 was elected to succeed David Harrison '26 as General Manager of Volume VII of The Tech Engineering News at the recent meeting of the managing board of Volume VI. As Editor, George B. Darling, Jr., '27, takes the place of David H. McCulloch '26.

Others elected to the 1926-27 board are: James P. F. Pilkington '27 Business Manager; Marshall W. Jennison '27, Managing Editor; Winthrop H. Towner '28, Associate Editor; John S. Middleton '28, Circulation Manager; Robert A. Nadler '27, Publicity Manager; and John A. Carvalho '28, Advertising Manager. The editorial board will consist of James J. Mazzoni '29, News Editor; Franklin T. Kurt '27, Assistant Editor; and Robert A. McLaughlin '26, Assistant Editor. Robert E. Crawford '28, Assistant Circulation Manager and Huyler B. Ellison '28, Assistant Advertising Manager were re-elected to the Business Board.

Having prepared at Chauncy Hall after attending High School in his (Continued on Page 4)

## MUSIC CLUBS GIVE CONCERT AT SALEM

Technology and Dartmouth To  
Give Combined Concert  
At Somerset

Last evening the Combined Musical Clubs, gave a concert in the Salem Normal School, Salem, Massachusetts, from 8:15 until 10:00 o'clock. The concert is the first one which has been given at the Salem school for five years, as it has hitherto been impossible to make arrangements for the affair.

A two hour musical program was given which was made up of the following: special numbers by the Banjo Club, Glee Club and Mandolin Club of the Institute; Selections by the Glee Club of Salem Normal School and a song by the combined Salem and Technology Glee Clubs. A Banjo Duet was rendered by Curtis S. McCue '29 and Lawrence A. Jones '29 and following that a magician act was given by Thomas A. Knowles '27. Charles E. Richheimer '28 presented his specialty Charleston dancing act.

#### Tech-Dartmouth Concert

Arrangements have been completed for the third annual combined party of Tech-Dartmouth Musical Clubs which will be held at Hotel Somerset on Friday night, March 12, in the Louis XIV Ballroom. The concert will last until 10:00 o'clock and will be followed by the customary dancing program until 2 o'clock.

A second concert of the Combined Clubs will be given in conjunction with the Musical Clubs of Sargent School of Physical Education on this Friday evening in the Sargent Gymnasium, Cambridge, at 8 o'clock. Following the concert there will be dancing until midnight. Tickets may be obtained in room 310, Walker, for seventy-five cents each.

## Will Head Next Volume of T. E. N



EDWARD D. TRUE '27

## Student Papers Are to Feature A.I.E.E Meeting

Papers To Be Selected Soon  
For Presentation At  
Convention

Student members of the American Institute of Electrical Engineers will hold a convention at the Institute on May 7, to which all the engineering colleges in New England and New York State, with the exception of New York City, are planning to send representatives. Plans for the convention are being made by a student committee headed by Stuart John '26, chairman of the Technology branch.

At the morning session of the convention a number of students are expected to present papers. Several prizes for the best written papers by enrolled students in any college in the country have been authorized by the Board of Directors of the A. I. E. E. All students, graduate or undergraduate, regardless of their membership grade in the A. I. E. E. who wish to prepare papers are urged to do so and to send them to the committee before April 22. From those submitted a committee, headed by Ralph D. Booth '20, Engineer for Jackson and Moreland, will select a suitable number for presentation at the convention.

## SENIORS ADDRESSED ABOUT EMPLOYMENT

Professor D. C. Jackson Talks  
To Men in Course VI

Employment after graduation was discussed in a talk by Professor Dugald C. Jackson, given to the Course VI Seniors last Saturday morning in place of the regular P. E. E. problem hour.

His purpose was to prepare the men to be able to meet the representatives of the large corporations who will be here in the early spring to interview the new graduating class. They were advised to have a definite idea of what sort of position they wanted before they had a conference with a company representative, not simply to let him try to sell them a job.

Membership in several professional societies will prove valuable to the student engineer, Professor Jackson stated. During the first three months of employment a young engineer is usually very enthusiastic about his work, but after that the attitude of older men about him will wrongly convince him that he is in the worst possible job, and that he will soon be in a rut as are the older men.

## MINISTER DELIVERS ADDRESS TOMORROW

Rev. Dr. Arthur M. Ellis will deliver the address at the religious meeting to be held tomorrow during the noon hour in East Lounge, Walker, at 12:30 o'clock. The topic will be "Why I Left Engineering for the Ministry."

## INSTITUTE SPORTS SUFFER FROM BIG CUTS IN BUDGETS

Investigation Shows That 21  
Out of 25 Sports Lack  
Funds This Year

### MANY MEETS CANCELLED

Student Tax Funds Prove to be  
Inadequate For Needs  
Of Athletics

Along with the recent announcement of serious cuts in the operating program of both Crew and Track, the two largest major sports at the Institute, an investigation was made by a committee authorized by the Institute Committee to find out the financial condition of the other smaller sports to determine whether they had been affected in a similar manner. Budgets from the 25 sports were examined and of these, one had been increased, three had been granted, and the remaining 21 had all suffered a very considerable cut from last year.

Conditions among the various sports show very plainly the result of this general lack of funds both by a general indication which is shown very plainly from the fact that Tech Show is endeavoring to make up an extra amount of \$2,000.00 which the Athletic Association will need this year and more recently it has been shown that the individual financial condition of each sport is in the majority of cases so low as to very seriously hinder the operation of even an average schedule.

#### Cuts in Schedule

Not only has the crew been kept out of the Poughkeepsie Regatta and the Track Team been unable to enter the Winter Intercollegiate races in New York, but in addition, many of the smaller sports have also found their program to be quite drastically impaired by a lack of funds.

Evidences of the effect of this lack of money were furnished by James A. Lyles '27, Chairman of the Budget Committee and are in brief as follows: (Continued on Page 4)

## HANS MULLER SPEAKS ON COLLOID THEORY

Mr. Hans Müller of the Department of Physics was the speaker yesterday at the Physics Colloquium. His subject was "The Electric Charge of Colloidal Particles."

He developed his own theory based on the theory of Gouy and that of electrolytes by Debye, explaining the variation of potential of colloidal particles without absorption. This hypothesis can be extended in order to understand the so-called Hofmeister's series, and it explains in detail a number of important phases of the two theories upon which it is based.

## MacDONALD WINNER IN DORM ELECTION

Irving R. MacDonald '26 was chosen chairman of the Dormitory Committee in the election held last Friday. Richard E. Connet '26 was the runner-up. Only about a third of the occupants of the dormitories participated in the voting.

MacDonald will fill the incompleting term of George S. Killam '26, resigned, as chairman of the committee and dormitory representative of the Institute Committee. Richard L. Cory '26 runner-up in the contest for chairman last year was also nominated for the office, but he was forced to resign on account of outside work.

## CALENDAR

- Wednesday, February 24  
12:00—Manual Training Society Luncheon Meeting, North Hall.  
5:00—Open House Committee Meeting, room 3-312.
- Thursday, February 25  
12:30—T. C. A. Meeting, East Lounge, Walker.  
6:00—Catholic Club Smoker, North Hall, Walker.  
6:45—Copithorne Reading, Walker Library.
- Friday, February 26  
8:00—Scabbard and Blade Formal Military Ball, Main Hall, Walker.  
8:00—Musical Clubs Concert and Dance, Sargent Gym.  
8:00—Radio Society and I. R. E. Joint Meeting, Room 10-275.

A Record of Continuous News Service for 45 years



Official News Organ of the Undergraduates of Technology

MANAGING BOARD: G. C. Houston '27, General Manager; J. D. Crawford '27, Editor; F. E. Anderson '27, Managing Editor; W. H. Reed '27, Business Manager

OFFICES OF THE TECH: News and Editorial—Room 3, Walker Memorial, Telephone, Univ. 7029; Business—Room 302, Walker Memorial, Telephone, Univ. 7415

EDITORIAL DEPARTMENT: Editor-in-Chief: Board: J. H. Melhado '27, F. L. McGuane '27, W. H. Hostie '28, E. L. Welcyng '27

SUBSCRIPTION PRICE, \$2.50 PER YEAR: Published every Monday, Wednesday and Friday during the College year

Reporters: Paul Keough '29, J. A. Russell '28, R. H. Blair '29, G. R. Taminostian '27, M. Brimberg '29, A. S. Walton '27, E. A. Michelman '29, R. T. Wise '28

BUSINESS DEPARTMENT: Advertising Division Assistant Managers: D. M. Sturznickle '28, Rene Simard '28, C. R. Oleson '28, C. J. Hurd '29, D. L. Dunklee '29

NEWS AND SPORTS DEPARTMENTS: Night Editors: Andrew Anderson, Jr. '27, E. J. Gohr '26, C. A. Bartlett '27, J. B. Goldberg '26, A. J. Buckley '27, A. D. Green '26

Circulation Department Assistant Manager: C. W. Taylor '28, Staff: D. R. Donovan '28, J. W. Palmer '29, D. S. Parsons '29

In charge of this issue: John Lovejoy '29

STAND IN LINE FOR THE BIG SHOW!

ONE year ago next Saturday, Technology held its second circus. It was universally acclaimed a great success, and the demand was strong to make it an annual affair.

There is no question that the student body wants a circus. The enthusiastic support given to last year's affair by the fraternities and the undergraduate activities, the crowds that attended, the cheers with which the various "stunts" were greeted were adequate witness to that.

Neither is there any doubt of the wisdom of holding a circus. Since the abolition of "Tech Night" it has been necessary to find a substitute occasion when the undergraduates may have an opportunity to "let off steam," but where they may be, to some extent, kept within bounds.

As to the location—it must be either in the Armory across Massachusetts Avenue from the Institute, or else the Hangar gym. All other suggestions were effectively eliminated last year.

One lasting impression of Technology that the Senior carries away with him is the impression of Senior Week activities. His most vivid recollections will be associated with this last official connection with his Alma Mater as an undergraduate.

A SENIOR'S OBLIGATION

BEFORE long the members of the Class of 1926 will be asked to decide whether their class will pledge itself to present Technology with a sum of approximately \$125,000 twenty-five years hence.

Not only is this endowment justified on the grounds of loyalty and gratitude to Technology, but there is also a more practical consideration. Most of us are aware that the tuition fees do not by any means pay the student expenses.

Tomorrow the committee will decide which of the several insurance plans submitted will be the most satisfactory. The factor which will probably be the deciding one, is the provision for lapsing premiums, since it has been evident in the case of earlier classes, which have already made several premium payments, that the percentage of lapses is considerable.

The Managing Board of THE TECH, Volume XLVI, regrets to announce the resignation of Ralph E. Smith '26 and Richard A. Rothschild '26 from the Editorial Board.

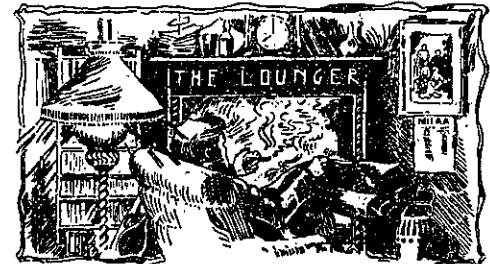
THE TECH BOOK LIST

FIREFLY: A novel by Diana Patrick. New York. E. P. Dutton and Co. \$2.00.

An interesting novel, of the type that frequently becomes a "best seller," is "Firefly," the story of a man who goes chasing the bright firefly of romance, only to find that it is a moth whose glow is a reflection from another fire.

The tale is, briefly, of the son of a Yorkshire draper who has literary aspirations which are denied by his father, who wishes him to take over the draper's shop.

The author is betrayed, occasionally, by her predilection for highly emotional passages such as the scene in the arbor where we are given the intimate details of how the shop-girl who was engaged to his friend attempted to seduce Paul.



"All's fair in love, war, and business, especially the business part of it," is evidently the opinion of one Senior, who, though not enrolled in Course XV, could certainly show the latter something in the practice of the ledgerman of high finance.

With item two comes the denouement. A number of insurance companies submitted their endowment plans to the committee. Their relative merits were discussed.

The Lounger considers it deplorable indeed that a paper of the standing of the Boston Herald should have ven one misstatement of affairs, when he considers the almost endless stream of opinion that drifts into THE TECH'S Managing Board Office in the shape of little notes and communications expressing fervent hope that some day THE TECH will be published sans errors and sans minor misstatements.

DOCTOR TRANSIT: A mythological novel by I. S. New York. Boni and Liveright. \$2.00.

"The myth of our time," according to its publisher's advertisements, has been written. It deals with a peculiar man who was born in rather an unusual manner, so that he had but one human parent; who grew up and acquired ideas contrary to the general beliefs; who performed miracles, such as transforming men to women and women to men; who devoted his efforts to helping rouses and rakes in preference to "moral people; who, promised, when he died, to come back to life again and reveal the mystery of the after-life; whose ideas, when he died, were carried on by a small group of his followers of whom one was the leader; who was deified and worshipped by this group of followers.

Some years ago there was a story, written of a man who was born in a peculiar manner and had but one parent; who grew up and acquired ideas, contrary to the general beliefs; who, performed miracles, such as changing water to wine; who devoted his efforts to helping the sinful; who died, and returned to life; whose ideas were propagated by a small group of his followers of whom one was the leader; who was pronounced a god after his death.

The name of this new tale is "Doctor Transit," and the leader of Transit's followers is Jeremiah. The name of the older story is "The New Testament," and the leader of the Apostles (if childhood memories may be trusted) was Peter.

Beyond this superficial identity of plot, however, there is little similarity between the books. The New Testament is comforting to its believers; Doctor Transit is disturbing. The Bible exhorts one to morality; Doctor Transit is sensual. The Scriptures are beautifully written; Doctor Transit is written with an eloquent but brutal mixture of imagination and realism that delights in such things as descriptions of the female body, or in tearing open the door of the operating room to give us an intimate glimpse of the carnal setting which accompanies the drama of the beginning of life.

The point of the book, if it has any point, is to comment on the fact that, if progress continues as it has begun, woman will in a few years be equal to man in everything but the sexual functions. And, with the accompanying rapid progress of science, she may some day be equal to him in that, too, through the possibility advanced by I. S. of sexual transference.

It is an unwholesome book to ponder over, and one can well understand the author's preference for remaining anonymous. It is interesting, but it is not a safe book for anyone who has not great control of his emotional nature.

J. H. M.

Putnam's will publish during January Oscar Wilde's "For Love of the King." This "Burmese Masque," appearing twenty years after the author's death, is the most interesting of Wilde's unpublished literary remains and was written originally for the pleasure of a friend.



We invite you to compare Quality plus Value which we have in selecting

LANGROCK FINE CLOTHES

to merit your confidence.

College House 1486 Mass. Ave.

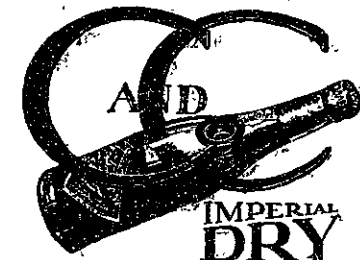
Harvard Sq., Cambridge

Tech Representative W. H. Carlisle, Jr. '28

TUXEDOS FOR HIRE

Advertisement for Tuxedos for Hire, featuring a man in a tuxedo and the text 'READ & WHITE' and '111 SUMMER STREET, BOSTON'.

Hotel Kenmore Barber Shop 406 COMMONWEALTH AVE. A rendezvous for Tech men. Seven barbers with a smile.



Standard the World Over for Seventy-Five Years Cantrell & Cochrane, Ltd. DUBLIN BELFAST NEW YORK E. & J. Burke, Ltd. Sole Agents U. S. and Canada Long Island City, N. Y.

Distinctive Dress Clothes

To Rent for All Occasions Full Dress, Tuxedos and Cutaways, Silk Hats, Shoes, Shirts, etc.

SPECIAL RATES TO TECH MEN

Edward F. P. Burns Co. 125 SUMMER ST., BOSTON

TEA DANCES

at the

COPLEY-PLAZA

in the GRAND BALLROOM

Every Saturday Afternoon, Four-Thirty to Seven

The Copley Plaza Orchestra

W. Edward Boyle, Director

Mrs. Helen W. Bowers, Hostess

# McCARTHY'S MEN LOSE TRIO OF GAMES

## Swordsmen Break Even In Dual Meet Against Columbia and Navy

### Basketball Men Taste Defeat in Three Games Over Week-End Holiday

With three setbacks in a row as the result of the New York trip, the Cardinal and Gray basketball team returned home yesterday morning. Meeting the Pratt Institute five on the latter's court, Friday night, the team from the metropolis scored a 28-22 win over the Institute aggregation. An evening later, the Crescent A. C. took the measure of the Engineers by the score of 30-13 in a gruelling encounter in the Crescent gym. Monday, Coach McCarthy's men suffered their worst setback of the season by an overwhelming score of 51-22 at the hands of the Montclair A. C. at the latter's club house in Montclair, N. J.

In the tussle with Pratt Institute, Coach McCarthy's men were unable to get underway until late in the second half. Due to the old style hoops of the baskets in the Pratt gym the Engineers experienced a difficult time in locating the net which was one of the factors of the first defeat. The Cardinal and Gray were held practically scoreless all during the first half but after ten minutes of the second half were up the Engineers rallied and came within one point of evening the score, the score at that time being 17-16 in favor of Pratt. However the score did not remain that way very long because a last minute spurt by Pratt left them on top of a 28-20 count. Captain Forrester and Estes were the individual stars of the game while Schmidt captured the lion's share of the honors for Pratt.

During the night and Saturday, the team was housed in the Technology club of New York. Saturday night in the Crescent A. C. gymnasium the Cardinal and Gray met their second defeat in as many nights at the hands of the Crescent A. C. quintet by a score of 30-13. Although the victors were playing on their own court they showed a splendid style of basketball which marked their play all season. The Crescents have had an extra good season having met with only one reverse in nineteen starts. Due to the superiority of the Crescent five, Coach McCarthy's men were forced to take the short end of a 30-13 score the all around ability of the Crescents being a little too much for the Engineers. Captain Forrester again took the high scoring honors, while Meyer, Hinck and Estes also played well for the Cardinal and Gray.

After resting up in the Crescent A. C. clubhouse Saturday night and part of Sunday, the team journeyed to Montclair, N. J., and played the Montclair A. C. Monday evening in the Montclair A. C. gymnasium. This proved to be the worst defeat suffered by the Cardinal and Gray this season as they were snowed under by a count of 51-22. The Montclair five demonstrated almost perfect basketball shooting and their floorwork was exceptional. The remarkable passwork and shooting of the Montclair contingent coupled by the ragged playing in spots of the Cardinal and Gray gave the club boys an unquestionable lead which they held all the way through.

From the very start of the tussle the Montclair five rolled in point after point and when the first half came to a close Montclair rolled up no less than 32 points while at the same time the Engineers were only able to garner five. However in the second half the Engineers showed a complete reversal of form and scored 17 points to Montclair's 19.

### BOXERS LOSE MATCH TO NEW HAMPSHIRE

New Hampshire University defeated Technology in a well fought boxing meet at Durham on Saturday afternoon by a 3-2 score. The two teams were deadlocked with two points each until Captain Smith of the upstaters just managed to outpoint Flynn of the Engineers in the 175 pound feature bout.

Kwok, the fast Technology light weight easily defeated Lizzio for the honors in the 115 pound class. Higgins of New Hampshire lost to Epstein in the 125. McLaughlin of the Institute could not quite stop Ahearn in the 135, while Keith, his team mate, met a similar fate at the hands of Sargent. In a special bout Necker of New Hampshire won the decision from O'Malley.

**The Summary**  
115-pound class—Kwok, M. I. T., defeated Lizzio, New Hampshire.  
125-pound class—Epstein, M. I. T., defeated Higgins, New Hampshire.  
135-pound class—Ahearn, New Hampshire, defeated McLaughlin, M. I. T.  
145-pound class—Sargent, New Hampshire, defeated Keith, M. I. T.  
175-pound class—Smith, New Hampshire, defeated Flynn, M. I. T.

### YALE VANQUISHES WRESTLING SQUAD

#### Overtime Periods Severely Try Contestants' Endurance And Condition

At the Yale gymnasium on Saturday the Technology wrestlers received a severe trouncing at the hands of the Eli matmen losing by the score of 22 to 5. This score does not do the Tech men justice as every match was a tackle. Rabinovitz, in the 135-pound class scored the only victory for the Engineers when he defeated Clopper of Yale by a fall. Harris and Burke of Technology, who had been undefeated up to now, were both beaten, the latter being thrown after a hard battle.

In the opening bout, Cullen gave Thayer of Yale a great fight, and the men were so even that overtime periods were necessary. The Yale man had greater endurance, however, and won by a fall in the first minute of the second overtime period. Johnson, Harris, Capt. Franks and Staebner all lost their bouts by big time advantages.

Rabinovitz saved Technology from a whitewash when he threw his opponent in 6 minutes 25 seconds with a half Nelson. Capt. Russell of Yale won the feature bout by throwing Johnnie Burke after the fastest and best bout of the meet.

**The Summary**  
115-pound class—Thayer of Yale threw Cullen of M. I. T. in one minute of second overtime period with a three-quarter nelson.  
125-pound class—Conklin, Yale, defeated Johnson, M. I. T., with time advantage of 4:51.  
135-pound class—Rabinowitz, M. I. T., threw Clopper, Yale with a half nelson. Time—6:25.  
145-pound class—Capra, Yale, defeated Harris, M. I. T. Time advantage, 7:15.  
158-pound class—Miller, Yale, defeated Capt. Franks, M. I. T. Time advantage, 8:06.  
175-pound class—Capt. Russell, Yale, threw Burke, M. I. T., with a half nelson. Time—7:27.  
Unlimited class—Allen, Yale, defeated Staebner, M. I. T. Time advantage, 8:43.

Next Saturday evening in the Hangar Gym, after the basketball game with the University of New Hampshire and the wrestling meet with Brown, there will be held an informal dance, similar to the one after the Brown basketball game earlier in the season.

### GYMNASTS DEFEATED BY DARTMOUTH TEAM

On Saturday afternoon the Dartmouth gym team won a decisive victory in their own gymnasium from Technology by a score of 42-12. The Hanover boys were never pressed hard and took six first places. The only events that the Engineers threatened in, were the parallel bars, rope climb, and flying rings, where they managed to secure second places.

Newcomb did the best work for the Engineers taking a second place in the rope climb and flying rings. Smith came second in the parallels just beating his team mate Burgess. Smith took a third on the side horse while Stephenson secured a similar place on the horizontal bars.

### Interclass Track Meet On Saturday Afternoon

Saturday afternoon at 2:30 o'clock the four classes will clash on the boards and in the hangar gym in an inter-class track meet. Anybody who is interested at all in track is requested to come out and watch his ability with that of the men from the other classes. The events will include all of the usual track and field events. All entrants are asked to report to the track house at 2:15 o'clock.

### NATATORS LOSE BY CLOSE SCORES ON WEEK-END JAUNTS

#### Grover Clips Two Technology Records In Meet With Yale on Friday

#### BREAK SEVERAL RECORDS

On their two day road trip the Technology swimming team lost consecutive meets to Yale and Dartmouth. At New Haven on Friday afternoon, Old Eli had little difficulty in defeating the future Engineers by a 38-24 score. On the following day Dartmouth trounced the Institute 48-14.

Grover of Technology was the star of the Yale meet, breaking two of the Institute's records. He clipped one fifth of a second from his own previous mark of last year in the 50 yard gale of the distance. In the 100 yard swim he did even better than this, taking three seconds off the mark made by Biddell in 1919.

Dartmouth Slashes Records  
At Hanover, the Dartmouth team did nothing but break records. In the course of the afternoon two pool records, and three college records, were smashed, one New England Intercollegiate record was equalled, and two other New England marks were unofficially broken. With the exception of the 100 yard free style which was won by Grover of Technology, the Big Green romped off with every first place.

In the 440 yard swim Captain Weis finished third, being nosed out at the finish by two Yale men. Whitey Woods failed to come up to expectations in the dive taking a third place. Puschin took a second in the 200 yard breast stroke. The team that made the new record in the relay is as follows: Captain Bronson, State, Peterson, House, Meany and Bunnell.

Bryant, McCaw, and Captain Ballantyne were the best performers for the home team. Bryant was forced to make record time in the 50 yard swim to defeat Grover of the Engineers. McCaw had an easy time of it in the 150 yard backstroke, unofficially breaking the New England record and decisively defeating his team mate Simpson, as well as Johnson of the visitors.

In the 100 yard free style, Grover defeated Ballantyne in the fast time of 59 7-10 seconds. Michaels, the star diver of Dartmouth, won the dive, thus continuing his phenomenal work. In only one meet and that with McGill, was the Hanover lad denied the top honors. The Green relay team composed of Tobey, Langworthy, Ballantyne, and Bryant, covered the 200 yard course in 41 9-10 seconds, establishing a new record for the pool.

**The Summary**  
50-yard dash—Won by Grover, M. I. T.; Sullivan, Yale, second; Tremaine, Yale, third. Time 25 1-5s.  
440-yard Swim—Won by Marshall, Yale; Hopkins, Yale, second; Wies, M. I. T., third. Time 6m 1s.  
Dive—Won by Gorby, Yale; Hall, Yale, second; Wood, M. I. T., third.  
150-yard Backstroke—Won by McCaw, Yale; Mason, Yale, second; Bridges, M. I. T., third. Time 1m 57 2-5s.  
200-yard Breaststroke—Won by Reel, Yale; Fuschin, M. I. T., second; Taliaferro, Yale, third. Time 2m 53 2-5s.  
100-yard Dash—Won by Grover, M. I. T.; Clark, Yale, second; Clayton, Yale, third. Time 57 1-5s.  
200-, 250-, 300-yard Relay—Won by Yale (Bronson, House, Stage, Meany, Peterson, Bunnell); M. I. T., second (Brown, Johnson, Kelsey, Wies, Grover, Armstrong). Time for 200 1m 35 3-5s; for 250, 2 m; for 300, 2m 25s.

### FENCERS WIN AND LOSE AS LEVIS TAKES HONORS

Meeting Columbia and Annapolis on successive days, the Technology fencers divided the top honors winning from Columbia in the hardest fought match of the year by a 7-6 score, but dropping the second contest to the Naval Academy 8-5. Both matches were closely contested and in each case the result was in doubt until the final bout.

In the first meet, Columbia was a heavy favorite as a result of their recent victories from the Army and Hamilton. The sterling work of Levis, together with that of Captain Cole and Hawthorne however made the victory secure. The Institute win marked the first upset of the Blue and White this year.

Levis was responsible for four of Technology's points, winning two matches in the foils and two in the epees. Hawthorne defeated two opponents with the foils while Captain Cole won his first bout with the epees. Fuertes, a master at the fencing game, defeated his old rival Levis 5-4 in the fastest match of the meet.

When Hawthorne defeated Hertz 5-3 he caused one of the big upsets of the meet. In his earlier matches, Hertz displayed excellent form and consequently was a favorite over his opponent. The Technology fencer was in excellent form however and won the decision. In the final bout Cole scored the winning point against Hertz 1-0.

In the match with the Naval Academy Levis again starred, winning all three matches with the foils. Among the most notable of these victories was that against McDill the Captain and star of Annapolis. Here again the favorite was defeated for McDill has won National honors with the foils. After this upset the Navy staged a comeback and took five of the six remaining bouts. The sixth was won by Hawthorne in a 5-4 victory from Zahn. Ferre, who has only been a year with the team forced McDill to the utmost to win 5-4.

After the foils matches had been finished the score was 5-4 in favor of the Navy. The ensuing epee contests

cost the Engineers the meet as they only succeeded in annexing one out of a possible four victories. Levis was the lone point scorer in this event defeating Adams 1-0. Bennett defeated Levis in the final bout 1-0. Levis scored four of the five Technology points and was by far the most versatile entrant in the meet, succeeding in winning in both the foils and epee contest.

**3 handy packs for 5¢**

Look for it on the dealer's counter

**WRIGLEY'S P.K.** More for your money and the best Peppermint Chewing Sweet for any money 613

**SIMPLEX**

Simplex Wires and Cables, insulated with rubber, paper or varnished cambric and covered with braid, lead or steel armor, are rendering satisfactory service in many of the larger power stations of the country.

**SIMPLEX WIRE & CABLE CO**

Manufacturers

201 DEVONSHIRE ST. BOSTON

**SCOTT'S REDUCTION**

on

**Young Men's Clothes**

A choice selection of Young College and Business Men's suits and overcoats at substantial reductions.

These garments, made in our own workrooms from selected materials, are quality values without competition.

(Young Men's Dept. 2nd Floor)

**Scott & Company** LIMITED

336 to 340 Washington Street, Boston

**! SIGHING SANDS — SUNBURNED SIRENS — SOUTH SEA CHRISTMAS HEY! HEY! !**

**M-O-A-N-A**

# TRACK MEN SCORE DEFEAT OVER B. U. TERRIERS 37 TO 26

### Saul Brodsky Officially Breaks Tech Shot Put Record In Hangar

## LENESS AGAIN TRIUMPHS

Friday afternoon the track team showed the prospects of a good spring season when they vanquished Boston University by the score of 37 to 26. In spite of the fact that the meet was run in a drizzling rain and on a wet and slippery track, two unofficial records were set up on the boards, and in the hangar gym Saul Brodsky set up a new official Tech record when he heaved the shot 42 feet 3 inches.

Not willing to chance injury to their hurdlers the officials agreed to eliminate the 45 yard hurdle race. The forty yard dash was the starting event. In the first heat Morrill of B. U. finished a foot ahead of Jack Wiebe. Hatch of B. U. and K. E. Smith of Tech won their respective heats and in a semi-final to determine a fourth man for the final Jack Wiebe finished first. In the final Morrill again forced Wiebe to remain satisfied with second place.

The 300 was a mad scramble to get the lead before the first turn. Right at the turn Giff Symonds, who was a few inches in the lead, took a hard fall and the rest of the field kept from spilling only by quick dodging and jumping. Ouhank of B. U. lived up to Coach Burns' expectations and came in first with about a two yard lead on Tony.

### Smith Displays Reserve

In the 600 George Leness brought himself to the head with the first three or four strides and stayed there without seeming to gain or lose an inch during the race. His time was 1 minute 15 3-5 seconds which is an unofficial board record. His running partner Cy Meagher was the first to follow him across the tape.

Without a doubt the 1000 was the most exciting race of the afternoon. At the start K. A. Smith took the lead and set the pace for the first seven laps. Here he seemed to die down and was passed by Hearne and La Blanc of B. U. and Pete Kirwin. At the beginning of the last lap Smith was fourth, but suddenly he displayed the strength which he had in reserve and not only pulled past the other three runners but finished ten yards ahead of the nearest man. Smith's time was 2 minutes 25 3-5 seconds which is another unofficial board record.

In the mile Hemmer of B. U. kept

## T. E. N. Announces Managing Board For Volume VII

(Continued from Page 1)

home town at Bath, Maine, True, general manager elect, entered the Institute in 1923 and immediately went out for the T. E. N. Successful on the staff, he was elected the next year to assistant circulation manager. After another year of service the managing board of Volume V rewarded him by making him circulation manager for Volume VI. He is a member of the T. E. N. Honorary Society, the Scroll.

Editor-elect Darling, from Allston, Mass., prepared at English High School and Phillips Andover School. He entered Technology in 1923 and went out for the T. E. N. in the spring of 1924. Exactly a year later he was made the managing editor. He is also a member of the Scroll.

Pilkington, new Business Manager, unlike the other men on the board-elect, came out for the T. E. N. in his Junior year. He is from Lonsdale, Rhode Island, and prepared at the Cumberland Preparatory School. Jennison, managing editor for the new board, entered the activities as soon as he registered at the Institute in 1923. On his high school publication he served in the capacity of literary editor. In his first year here he was a candidate on THE TECH and on the staff of Technique. Those elected to the staff are Charles J. Cristofalo '28, Alfonso Tommaro '28 and David H. Wilson '29.

Due to a delay at the printers the T. E. N. will not be out today as announced but will be on sale tomorrow morning in the main lobby. This issue features a pictorial section of automotive development for the year 1925. As the main article, "The Technical Graduate in the Patent Field," is featured.

up a fast pace for the first half of the race intending to wear down Eddie Chute and Bill Rooney. A little after the half way mark was passed Hemmer dropped back to fourth place. His place was taken by Eddie Chute and Bill Rooney of Tech and Cullen of B. U. This order remained unchanged at the finish.

In the hangar gym Saul Brodsky officially broke the Tech shot put record by hurling the 16 pounder 42 feet 3 inches. Brodsky is the best weight thrower that Tech has had for some time and is expected to do some more record breaking in the spring meets. Garrity of B. U. won the high jump, with Thompson of B. U. and H. E. Ford of Tech tie for second.

### The Summary

40-yard Dash—1st heat: Morrill, B. U., first; Wiebe, Tech, second—2nd heat: Hatch, B. U., first; A. Kauzmann, Tech, second—3rd heat: Smith, Tech, first; Steinhrenner, Tech, second; Hatch, B. U., third—Final: Morrill, B. U., first; Wiebe, Tech, second; Hatch, B. U., third. Time: 4 4-5 seconds.

600 Yards—G. Leness, Tech, first; C. Tony, Tech, second; Stephens, Tech, 600 Yards—G. Leness, Tech, first; C. Meagher, Tech, second; Mastaglio, B. U., third. Time, 1 minute, 15 3-5 seconds.

100 Yards—K. A. Smith, Tech, first; Hearne, B. U., second; P. Kirwin, Tech, third. Time, 2 minutes, 25 3-5 seconds.

1 Mile—E. Chute, Tech, first; W. Rooney, Tech, second; Cullen, B. U., third. Time, 4 minutes 43 2-5 seconds.

Shot Put—S. Brodsky, Tech, first; Maxner, B. U., second; P. Martini, Tech, third. Distance, 42 feet 3 inches.

High Jump—Garrity, B. U., first; Thompson, B. U., and Ford, Tech, tie for second. Height, 5 feet 6 inches.

## TO BEGIN COURSE IN ATOMIC STRUCTURE

(Continued from Page 1)

and planets is to the whole solar system. The chemical and physical properties of matter can be explained in terms of the arrangement of electrons in atoms and molecules.

The popular magazines, even the newspapers, have much to say nowadays about the structure of atoms. Reading such popular articles leaves one with a sense of bewilderment as well as amazement. One can hardly comprehend the statements, much less imagine the experimental contrivances by which the truth of the statements was ascertained." Professor Blanchard intends to throw light upon the latest theory of atomic structure.

The lectures will take place in room 10-250 at eight o'clock every Tuesday and Friday mornings, beginning March 2. Students interested may register for the course now to obtain credit for it, or they may attend the lectures without registration.

## HARDWARE SHOW IS OPEN TO STUDENTS

Professor Robert H. Smith, of the Department of Mechanical Engineering, has a limited number of complimentary tickets for the exhibition of the New England Hardware Dealer's Association at Mechanics Hall, Boston.

Dealers of Greater Boston and of surrounding states are showing practically every type of small tool made. Included are displays of several manufacturers and exhibits of precision measuring devices. Today marks the closing of the show and students who desire tickets, which are good from 4 until 7 o'clock, may obtain them from room 3-332.

## Institute Sports Suffer From Big Cuts In Budget

### Student Tax Funds Prove to be Inadequate For Needs Of Athletics


(Continued from Page 1)

Freshman Swimming meet with Exeter cancelled; Freshman Basketball—meets with Rhode Island State and Dummer Academy cancelled; Varsity Fencing—unable to attend Intercollegiate at New York; Varsity Tennis—unable to make Columbia and Princeton trip; Boxing—manager unable to provide guarantee for a Cambridge meet with either Syracuse or New York University; and the Rifle Team—unable to attend the Intercollegiate meet in New York.

These statements are only those which were indicated on the budgets themselves and as Lyles said, "they are in no way a clear indication of how badly more funds are needed. Not only have a large number of meets with other colleges been cancelled, but also there is at present a very definite need for a provision for new and better athletic equipment in most of the sports."

### Interfraternity Basketball Results

Phi Kappa Sigma 14; Sigma Chi 10  
Phi Gamma Delta 25; Kappa Sigma 18  
Theta Chi 14; Theta Xi 9



## STONE & WEBSTER

INCORPORATED

DESIGN steam power stations, hydro-electric developments, transmission lines, city and interurban railways, gas and chemical plants, industrial plants, warehouses and buildings.

CONSTRUCT either from their own designs or from designs of other engineers or architects.


OPERATE public utility and industrial companies.

REPORT on going concerns, proposed extensions and new projects.

FINANCE industrial and public utility properties and conduct an investment banking business.

NEW YORK BOSTON CHICAGO

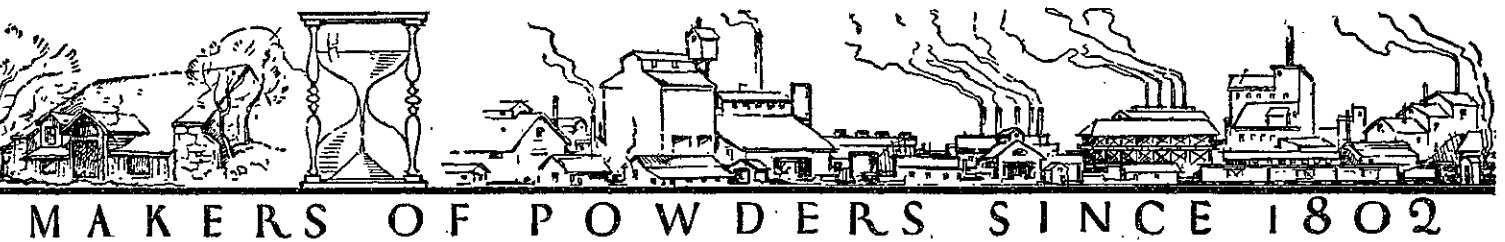
## BRAIDED CORDS and COTTON TWINES



Trade Mark

### Samson Cordage Works

Boston, Mass.



MAKERS OF POWDERS SINCE 1802



In 1802, the flat boat carried du Pont powder to settlers along the Ohio.


# Control—

Chemical control is superseding rule-of-thumb methods in industry. When the first du Pont powder was made nearly a century and a quarter ago—chemistry was not an exact science.

Today, the chemical engineer with the vast resources of modern science at his disposal controls production from raw material to finished product.

To chemical control, through research and experiment, is due that unvarying quality which makes the "Du Pont Oval" a symbol of excellence everywhere.

E. I. DU PONT DE NEMOURS & CO., Inc.  
Explosives Department  
WILMINGTON, DELAWARE



Today, du Pont high explosives used in deepening river channels contribute to the safety of navigation on our great inland waterways.



123 YEARS OF LEADERSHIP IN THE SERVICE OF INDUSTRY

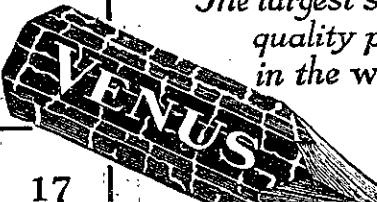
### BUSY? YES!

Our large, up-to-date plant is working day and night to serve you efficiently. Come in, look us over, and leave a job, small or large.

#### ANCHOR LINOTYPE PRINTING CO.

144 High St., Boston

*The largest selling quality pencil in the world*



## VENUS PENCILS

17 black degrees  
3 copying

Superlative in quality, the world-famous

# VENUS PENCILS


give best service and longest wear.

Buy a Dozen

Plain ends, per doz. \$1.00  
Rubber ends, per doz. 1.20

At all dealers  
American Lead Pencil Co.  
220 Fifth Ave., N. Y.

### LET A CUSTOM SHOEMAKER REPAIR YOUR SHOES



Shoe Problems Solved

## M. P. TOOHEY

13 Dunster St. Cambridge  
NEW LOCATION

- ### NOTICES

#### UNDERGRADUATE OPEN HOUSE COMMITTEE

There will be a meeting of the Open House Committee in the Combined Professional Societies' room today at 5. All members are requested to attend.

#### CATHOLIC CLUB

An entertainment and smoker will be held tomorrow evening in North Hall, Walker, at 7:30 for members of the Catholic Club and their friends.

#### GYM TEAM MEET

There will be a Gym Team meet between Technology and Princeton University Saturday evening at 8:00 o'clock in the Walker Memorial Gymnasium. No admission to undergraduates.

#### SARGENT CONCERT

Tickets for the Musical Clubs concert at Sargent School may be obtained at the Musical Clubs office, 310 Walker for 75c each.

#### INSTITUTE COMMITTEE

There will be a regular meeting of the Institute Committee on Thursday at 5 o'clock in the Faculty Dining Room.