Vol. XLVI No. 8

CAMBRIDGE, MASS., FRIDAY, FEBRUARY 26, 1926

Five Cents

### **WRESTLING** MEET TONIGHT BEFORE **BASKETBALL GAME**

Matmen Meet Brown and Hoopsters Play New Hampshire in Double Bill

CONCLUDES WITH DANCE

### Wrestlers Have Even Break Despite Adverse Results Against Yale

At seven o'clock tomorrow night the Engineer wrestling team will tackle the Brown University grapplers, in the first event of a many sport evening. Directly following the wrestling meet, the basketball team from New Hampshire will play the Cardinal and Gray quintet. To end the evening a dance will be held at the close of the basketball game until mid-

The New Hampshire team comes tomorrow with a splendid record behind them this season, being one of the most feared teams in New England. A few weeks ago they administered defeat to the Dartmouth five and last Saturday they took the measure of the University of Maine contingent.

Coach McCarthy has been priming his charges for tomorrow night's encounter since their arrival from their in preparing for the New Hampshire tilt. Rumor has it that New Hampshire possesses a powerful attack coupled with accurate shooting forwards. To counterbalance this, Coach McCarthy is relying on Ernie Hinck and Frank Myers to stem the oppos-

Hinck is without a doubt one of the finest guards in New England at the present time, his playing being a guiding star to his team mates this season. Very seldom does his man succeed in caging the ball on more than two occasions and more often Hinck outscores his man, with his brilliant shots.

Biehle will get the call at center tomorrow night. Biehle displayed splendid all around basketball ability on the New York trip, his playing against the Montclair A. C. being a feature. Captain Forrester and Estes

the Technology scove will depend a (Continued on Page 4)

### PROM SIGNUPS WILL GO ON SALE TUESDAY

Ticket sales to the Junior Prom will be limited to about 400, with 50 stag tickets to be sold at a different time, the date of which will be the decided latter.

Signups for the Juniors will be put on sale next Tuesday, the following day for the Seniors, and Thursday for the lower classmen. Signups will be sold for \$5 but will be redeemed for \$7, making the price the same as lastyear, \$12. The Prom Committee states that favors for the ladies will be es pecially attractive.

### 30 Feet of Manila Go Up In Smoke

Students are often wont to stop on their way thorugh the Testing Materials Laboratory, Room 1-100, to watch our embryo mechanical engineers in process of cracking numerous specimens of matter, but Wednesday morning a really good show was staged and a crowd of about 200 attended . Along one of the cement pillars in the lab there was hanging a large supporting cable marked "10 inch circumference Manila—Breaking load 74,000 pounds." However, the rope was apparently being tested in a rather novel manner which one would expect to see only in the heat laboratory, for the whole length of the cable was merrily ablaze and the flames easily reached to the ceiling. The fire smoked up most of Building One, in spite of corridor signs forbidding it, before it was finally put out with a chemical extinguisher.

### Walker Committee To Use Assignment Book

In order to avoid any conflicts in social functions involving any of the classes it was announced at the Institute Committee Meeting yesterday that the Walker Memorial Committee would utilize a sign-up book for all such functions and those in charge of the affairs will be expected to enter them in this book as soon as the dates are determined.

In this way any class or organization desiring to have a meeting or gathering for the Institute can consult the sign-up book to ascertain that no other affairs are scheduled for the same time. Social events involving the Institute are to be listed regardless of whether or not they will be held in Walker Memorial.

### **GIVE RESULTS OF SENIOR ELECTIONS**

Leness, Knight, and Brookes Chosen to Serve as Class Marshalls

George J. Leness, Elmer F. Knight, and A. Sidney Brookes of the Class of 1926 were selected Class Day Marshalls in the election held Wednesday. disastrous trip and is losing no time | At the same time, twenty-five seniors were elected members of the Senior Week Committee. All of the elections were approved at the meeting of the Institute Committee last night.

> Leness is Captain of the Track Team, and has been the best middle distance representative for several years. He holds the New England Intercollegiate record in the half mile, and has been doing creditable work in the 600 yard dash. Knight is on the Senior Endowment Committee, the Dormitory Committee, and is Senior Class Treasurer. A. Sidney Brookes holds the position of Senior Class Secretary, A. A. Secretary and Chairman of the Elections Committee. A total of thirty-nine per cent of

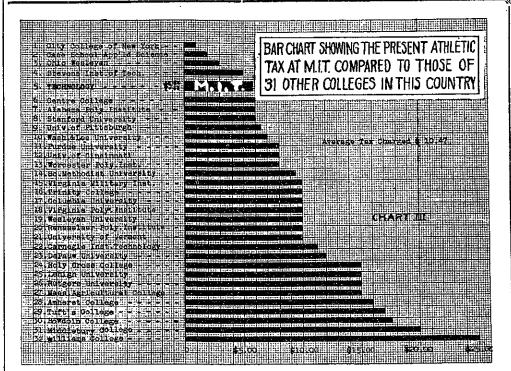
but will receive plenty of opposition the class voted, practically the same representation as the forty percent vote of last year.

Committeemen elected include: Charles A. Bianchi, Harry M. Boardman, Arthur B. Brand, A. Sidney liam R. Franklin, Guy S. Frisbie, Eben B. Haskell, Ralph W. Head, William W. Hicks, Stuart John, James R. Killian. Elmer F. Knight, Joseph L. Lewis, William Lowell, Jr., Willard F. McCormack, Edgar O'Neil, Thornton W. Owen and Frederick E. Walch, Jr.

### T. C. A. WILL SEND **GROUP TO NEEDHAM**

The third deputation of the year will be made to Needham tomorrow and Sunday by five men from the Technology Christian Association, according to Wallie Ross, Secretary of the T. C. A.

# STUDENT TAX REPORT BROUGHT BEFORE INSTITUTE COMMITTEE RECOMMENDS A \$3.50 INCREASE



### **OPEN HOUSE NIGHT** TO COME APRIL 17

Committee Plans To Open Activity Offices As Well As --- Laboratories

Technology at play, as well as Technology at work will be shown during Open House Night. The committee decided at its meeting Wednesday to ask for a greater participation by the Institute Activities and it is possible that Walker Memorial will be open and musical entertainment provided.

Saturday, April 17, has been decided upon as the date and the only other will hold down the forward berths, Forrester has not been stopped by any team so far this season and taking into account past performances, Robert F. Flaxington, Willer Backpology goods will depend a light Respondent of the Institute Respondent Responde appointed, among them those on pro-longer a member of the Institute. Bagrams and reception of visitors. It ker was elected vice-president last is likely that printed invitations will | year and succeeded Lucas E. Bannon be distributed for the convenience of students, as well as those being sent also left the Institute. Paul C. Eaton, to a large number prominent in the business, scientific and educational from Philips Exeter Academy, Exeter,

# SAILS FOR BELGIUM

Professor Paul H. Heymans, Department of Physics, left yesterday on a business trip for Brussels, Belgium. He sailed on the S. S. "Minnewaska," accompanied by Mrs. Heymans. No definite date has been set for his return.

# PROFESSOR HEYMANS

### Photographs Show Effect of Tetra-Ethyl Lead On Gasoline Explosions

In seeking a means of studying the action of tetraethyl lead in engines, top of the cylinder closes a circuit workers in the laboratory of applied chemistry in charge of Professors George L. Clark and Robert P. Russell, cut away a portion of the cylinder wall of a one-cylinder engine and replaced it with a small heavy quartz window designed to withstand the tremendous force of the explosions. The experiment was a success and it is now not only posible to watch the flames of the exploding mixture, but to photograph them with the aid of a revolving shutter in front of the window. A spectroscope was also used to evolve a spectrum of the light from the flames.

The first discovery in this investigation was that tetraethyl lead completely blots out the ultra violet light rays in the detonating flames. On the basis of that discovery those in charge of the research are seeking to determine what relation may exist between engine knocking and the presence of ultra violet light rays.

Measurement of the force of engine knocks is also being studied elec-

when a knock occurs and the length of time the circuit remains closed is a measure of the severity of the knock. The closed circuit is then used between electrodes for electrolysis of a solution of sulphuric acid of known strength. The amount of hydrogen thus produced is taken as a measure of the knock.

Gasoline treated with tetraethyl lead is being studied at Technology in an engine in which research workers can see the process of combustion and the flames of the explosion. This investigation is the result of the discovery of tetraethyl lead as an antiknock fluid.

The effect of tetraethyl lead in eliminating knocks in gasoline engines has been known for a considerable time. but hitherto little was known of what took place when the lead-treated gasoline was exploded in the cylinders.

Technology Reveiw, which will be on sale in the Institute next week, will feature an article, explaining the process of analysis, and the advantages of trolytically. A plunger fitted in the using tetraethyl lead in gasoline.

### P. C. Eaton Is New Junior Class Head Succeeding Baker

Committee Approves Budget Changes Reducing Class **Appropriations** 

At the Institute Committee meeting held last evening, the report of the executive committee, announcing the election of Paul C. Eaton '27 as president of the Junior Class was ratified. The committee also accepted the report of the Junior Prom committee, recommending that Lewis F. Baker '27 remain the real chairman of the Prom committee although he is

'27, the president, when the latter president-elect of the class, graduated New Hampshire. He was captain and stroke of last year's champion Sophomore crew and during his freshman year he was a reporter on THE TECH. Last year he was Secretary of his class, and comes to the presidency from that office.

The Institute Committee approved the recommendation of the Junior Executive Committee that no one be appointed Chairman of the Junior Prom Committee to succeed Baker. since he has practically completed the work, and should not be deprived of the credit for it.

Budget changes recommended by the Budget Committee were approved. Inasmuch as there are not sufficient funds available to apportion the customary \$1100 among the four classes the apportionments were reduced \$25 for each class and are now as follows: Class of 1926, \$325; Class of 1927, \$275; Class of 1928, \$225; Class of 1929, \$175.

Results of the Senior Class Week elections were announced and approved after they had been protested on the grounds that the nominees had not previously been aunounced in THE TECH. Elections to the T. E. N. were also ratified an! the report of the Tax Committee, recommending an increase of \$3.50 in the student tax, to be devoted to athletics, approved.

### PARTY OF TEACHERS VISIT TECHNOLOGY

Slightly over fifty instructors and assistants from a number of greater Boston schools spent a large part of Wednesday in an inspection tour about Technology.

This trip was organized by Mr. C. B. Hammond of the Boston Trade School, and Mr. Charles R. Mable of the drawing department of the

## PROPOSED AMOUNT IS NECESSARY FOR **UPKEEP OF SPORTS**

R. M. Bigelow '27, G. I. Chatfield '28 And J. A. Lyles '27 **Authors Of The Report** 

### INCREASE FOR ATHLETICS

Recommendations for the solution of the serious condition of finances in the athletic department were presented before the Institute Committee Meeting last evening by Kenneth S. Lord '26, President of the Athletic Association.

These suggestions are the result of a very careful investigation of the problems and needs of Institute Athletics as they exist at the present time and in addition the method in which these problems are being solved at other colleges having similar conditions. They are embodied in a "Report on the Advisability of Increasing the Student Tax at M. I. T. to Provide for the Additional Needs of Undergraduate Athletics." This 200 page report was written by a committee of undergraduates authorized by President Lord and consists of the following members: Robert M. Bigelow '27, Manager of Crew, George I. Chatfield 28, of THE TECH staff, and James A. Lyles '27, Manager of Basketball and Acting Chairman of the Budget Com-

Summary Given in Meeting

At the meeting of the Institute Committee last evening Lord outlined the report touching on the needs of each sport in brief and in addition made mention of the actual contents of the report as presented. The sum-(Continued on Page 4)

I wish to take this opportunity to thank Robert M. Bigelow '27, George I. Chatfield '28, and James A. Lyles '27 for their work in compiling the report on revision of the Student Tax.

(Signed) Kenneth S. Lord '26, President Athletic Association.

### DAVIS TO SPEAK AT SOPHOMORE LECTURE

**Engineer of Simplex Company** This Week's Lecturer

Following a custom etsablished in previous years, Sophomores taking Principles of Electrical Engineering hear a lecture each Friday on a general topic having to do with electrical engineering. These lectures are given by prominent men of science.

Professor Dugald C. Jackson, the speaker last Friday, told of the aims and purposes of the electrical engineering curriculum, explaining why the various non-electrical subjects are

Today's speaker will be Mr. Ernest W. Davis of the Simplex Wire and Cable Company. His subject has not yet been announced. Mr. Davis is the engineer of the new 750,000 volt research laboratory of his company which was officially opened last week.

### **CALENDAR**

Friday, February 26

3:00—Biology Movies, room 10-250.
4:00—Lecture on "Power from Mercury Vapor," room 4-231.
7:00—Wrestling Meet with Brown in Hangar Gym.
8:00—Scabbard and Blade Formal Military Ball, Main Hall, Walker.
8:00—Musical Clubs Concert and Dance, Sargent School Gym.

:00—Musical Clubs Concert and Dance, Sargent School Gym. :00—Radio Society and I. R. E. Joint Meeting, Room 10-275. Saturday, February 28 :15—Basketball Game with New Hamp-shire in Hangar Gym. Dancing after game.

Monday, February 29
12:00—Lecture by Dr. Timoshenko of the Westinghouse Research Dept., room

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Official News Organ of the Undergraduates of Technology

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### A FINE REPORT

John Lovejoy '29

T THE Institute Committee meeting yesterday, the special com-A mittee appointed to investigate a proposed revision of the student tax made its report. Other Institute Committees in previous years have investigated the financing of athletics, the organized class activities, and the other undergraduate activities that depend wholly or in part upon the funds derived from the student tax. This year, athletics alone attracted the attention of the committee. Their report has investigated the needs of athletics not only from the isolated viewpoint of a student or an Alumnus of the Institute, but has drawn comparisons between our financial situation and that of the other large colleges whose financial needs approximate those of the sports at Technology.

The report of this committee is comprehensive, including as it does, investigations into the additional needs of the athletic teams, the prospect of receiving help from sources other than the student tax, and the amount of increase in the tax that will be necessary to carry on athletics at the Institute. The report discusses every phase of the Athletic Association's control of funds and makes a thorough study of the absolute minimum of money on which any sport in question can be carried on.

The committee arrives at its recommendation—that the student tax be increased to \$12.50—by logical steps each statement being substantiated by checks and cross checks from every available source. It is unfortunate that the report, at least the body of the report and a summary of the elaborate appendices cannot be placed before every member of the student body. The committee and the sub-committee that prepared the report are to be congratulated for a successful piece of work, both from the structural form and the content of the volume.

### HARVARD'S TUTORIAL SYSTEM

NE of the interesting phases of education which of late years has been coming to the fore, is the existence of the multitude of methods in operation at different colleges. At Harvard within the last few years has been instituted the tutorial system. To understand the tutorial system, one must be acquainted with the divisional examination system of which the later idea is the logical outcome. Briefly it is this: each man at the beginning of his Sophomore year must elect some particular branch of learning in which to major. Thereafter and before graduation, he must complete a certain number of courses in that field, and likewise a certain number of studies distributed in other fields. Then at the end of the Senior year, each man must take a comprehensive examination covering the work of his entire field of concentration.

Obviously, to satisfactorily pass such an examination requires not only some idea of the individual courses, but also a wellgrounded, logical, and co-ordinated understanding of the entire field. In view of this fact the objection immediately arises that when different courses are taught in different ways by different men, there must exist considerable gaps in the field of concentration, represented as a composite whole. Originally it was up to the student to patch up these gaps as best he could.

To eliminate this objection, there was instituted the tutorial system which functions in general according to the following plan. Tutors are assigned to all men in the three upper classes. It is the duty of this tutor to cooperate with the student, to criticise, offer suggestions, and advice; and in general to open the door to supplementary work which will help to give a comprehensive grasp of the field. There are no formulae, there is no routine work, no red tape, no cut and dried methods. It is in every case purely a personal matter between the student and the tutor.

There is but one serious objection to the system: it is the possible inferiority of the tutors. However as more money becomes available for the system, this objection in time may entirely disappear. The good points of the tutorial system are ably embodied in the ideal behind the system: to develop a man's capabilities to the utmost, by a systematic process of concentration; to cultivate a mental breadth of mind by a process of distribution; and to enable men to obtain a comprehensive knowledge of their chosen fields, by able

Needless to say such a system, as far as the sciences and Technology are concerned, is impossible; but its advantages to a strictly cultural college are self-evident.



A correspondent (yes, the Lounger has them) writes in to comment on the talk of a Mr. A. M. Ellis in the East Lounge yesterday afternoon. 'The subject," runs the letter, " 'Why I left Mechanical Engineering for the Ministry' might be expressed as 'Why I Left M. E. for H. E. (Human Engineering)'. Many of us flatter our-selves by thinking up reasons of why SHE left HE for ME-,or we console ourselves and curse out the girl and the other fellow when SHE left ME for HE. At any rate, we understand we will have to get up pretty early in the morning to get ahead of A. M. Ellis, for he is a Scotchman."

The Lounger can appreciate this YOU for ME and ME for MYSELF idea, but he can't see just what the Dominie's Scotch antecedents have to do with early rising. Perhaps our correspondent is perpetrating a pun on those initials. Then again, he may be boosting his own ancestry.

### MORE TECHNOLOGY TYPES

Engaged Senior: An optimistic sentimentalist who has the courage of his convictions.

The Dollar a Year Man: He is the fifth year creature who continues altruistically in activity work to the detriment of that activity.

The Boathouse Philosopher: Baccus and blather all compact. Big and burly and genial and obsessed with the idea that crew is the only sport allowed on the purling streams of heav-

The Pool Player: Of the same species as the chess player. He has the drooping cigarette technique and looks as though he hails from South

The Oriental: He studies in the library and goes often to visit the dean. A dam good fellow but he will use perfumed soap.

The Butter and Egg Man: He rooms at the Fraternities Club or else he boasts at length of his private apartment and the parties pulled therein. Harvardonian in dress, he still reeks of hay and alfalfa.

### OTHER PLAYS

COLONIAL: "Ben Hur."-Reviewed in

this issue.

COPLEY: "Hay Fever."—Farce Comedy.

HOLLIS: "The Poor Nut."—Grind turned MAJESTIC: "The Big Parade."—Splendid movie, showing war at its best and its worst.

NEW PARK: "Rain."—With Jeanne PLYMOUTH: "The Judge's Husband."-Woman on the bench.
REPERTORY: "Caesar and Cleopatra." -Reviewed in this issue.

SHUBERT: "Naughty Riquette."—To be reviewed in Monday's issue.

TREMONT: "No, No, Nanette."—Musical comedy with Julia Sanderson.

WILBUR: "Is Zat So?"—Last week.

An edict by the faculty of the University of Oklahoma recommending that university organizations giving a dance and tolerating drinking on the part of any persons there be not allowed to give a dance for a period of four months, has recently gone into effect. Hence any fraternity or sorority that gives a dance must bar anyone who is under the influence of

### Mount Vernon Church

Beacon St. and Mass Ave.

Ministers Sidney Lovett Everett Baker

11 o'clock - Morning Worship. Preacher, Rev. Hubert C. Herring.

7.30 P. M.-Young People's Society in the Chapel. Speaker, Miss Elizabeth Ross of Kentucky. Subject, "Settlement on Troublesome

### FIRST CHURCH IN **BOSTON**

Organized 1630 Cor. Berkeley & Mariporough Sts. Rev. Charles E. Park, D.D., Minister Rev. Edward Cummings Minister Emeritus

Dr. Park will preach SUNDAY, FEBRUARY 28, 11 A. M.

MUSIC Pastorale—First Symphony....Guilmant Lord of the Worlds Above......West The Lord is My Shepherd......Schubert

Organist: Mr. William E. Zeuch

### As We Like It

### CAESAR AND CLEOPATRA

One of Shaw's most entertaining comedies is "Caesar and Cleopatra, at the Repertory Theatre this week. It is interesting in that it departs from the conventional picturization of Cleopatra as the siren of the Nile, and presents her as an ordinary child of her age (sixteen, at the time of Caesar's Egyptian campaign) much dominated by nurse and servants.

The effect was unfortunately spoiled

two or three times, particularly in the second scene where Caesar addresses the Sphinx, by the fact that Charles Quatermaine, who plays the part of the Roman conqueror, could not remember his lines. To balance Mr. Quatermaine's ineffectuality, however, Mary Servoss, as Cleopatra, gave a splendid performance, looking quite seductive in diaphanous African garments, and portraying perfectly the unsophisticated but haughty young queen whom Shaw describes. And as usual, Ross Alexander rendered a comparatively small part (Apollodorus, the Sicilian) with an ability that entitles him to a greater share in the performance.

(Just by the way: Shaw intended that the Romans should have difficulty in pronouncing properly the name of Ftatateeta, nurse of Cleopatra. But in finding that the characters disagreed, as did the performers at the Repertory, as to whether it was Lucius Septimus or Lucius Septimius).

J. H. M.

### BEN HUR

Quite fulfilling all expectations, 'Ben Hur" now showing at the Colonial, must be admitted one of the most impressive achievements that modern photoplay art has yet been able to produce. The film does entire justice to General Lew Wallace's famous romance, as ought to be expected from the amount of time and money spent in its production.

It is a picture of great moments and stirring action. Consequently, there is little opportunity for the cast to display much dramatic ability, with the exception of the hero, Ramon Navarro, who plays Ben Hur, has often been called one of the greatest actors film producers have discovered, and he surely lives up to his expectation. Francis X. Bushman as Hur's rival, the haughty Roman Messala, deserves commendation. The unobtrusive Ester, played by May MacAvoy, is given a little more prominent place in the action than in the original.

The spectacular chariot race, muchawaited by the audience, is masterly handled, as is the sea battle between the Roman and the pirate fleets. Perhaps the latter and the galley scenes were made somewhat gruesome, but their effectiveness did not suffer thereby. The life of Jesus Christ is everpresent in the back ground, till the climax of the story is reached in the Crucifixion.

A. D. G.

A waning in gate-crashing is prereading the play, we do not remember | dicted at the University of Kansas, since a recent decision states that any student who is caught breaking into a varsity dance will be denied all social privileges for the remainder of the year.

# SPRING

# EXHIBITION

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# NY ENTRANTS FOR INTERCLASS MEET

# PRINCETON GYM TEAM

Princeton sends her strong gym team here on Saturday afternoon when they will meet the Engineers at the Walker Memorial Gymnasium. The Tigers have a slightly better squad than last year, having done their best work against Temple University. Temple in turn piled up a higher score against Annapolis than the Institute

Technology will enter seven men in the meet; Captain Smith, Waller, Newcomb, Hudson, Stevenson, Burgess, Bauer. Smith will perform on the parallels. Newcomb, who did the best work against Dartmouth, will enter in the rope climbs and the flying rings. In the tumbling, Waller, who has done very well in practice, will be the only entrant.

### **ROOM**

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# RINCETON GYM TEAM AT WALKER TONIGHT Rivalry Among Classes Keen On Eve of Big Meet

Technology's Annual Interclass Track Meet will take place on the board track and in the hangar gym tomorrow afternoon at 2:30 o'clock. This meet is the foremost track event of the winter and should draw a large field of entrants. The final race of the afternoon is the second trip in consecutive week will officially close Technology's indoor track season. The next important games for the squad will be the Penn Relays at the University of Pennsylvania in the early spring.

Every man who is a regular classified Tech student is eligible, graduate and unclassified students are ineligible. By this meet new transfers from other colleges are given a fine chance to display their track talent to the coaches. Track, being a major sport at the Institute, has never lacked material, but it must look ahead all of the time, and the men in this meet who show that they have ability will to meet the New York colleges. find themselves in demand by the coaches.

As far as known the classes are evenly matched in the quality of their runners and jumpers. Therefore the class which brings out the most new material will have the best chance of walking off with the meet. The winners of the various events will not only gain honor for their class but will win individual laurels as they will receive ribbons for first, second, or third place.

Little is known of the strength of the men in college at the present time who are ineligible to be on the regular track team, but Os Hedlund expects several men to show up who will give the regulars a run for their

In the middle distances there will be Captain George Leness, star half miler and 600 man who has been showing his heels to the majority of the college and amateur runners this season. Several weeks ago he forced Alan Helffrich to establish a new record in the 600 at the Wilco A. C. games at New York and earlier this week he placed second to Sober, a noted half miler, in a New York Meet. It was in this race that Soapy Waters. Harvard runner and member of the last Olympic team, finished no better than fourth.

Eddie Chute, Sol Brodsky, Major Sanford, and other winners in last year's meets will be on hand to defend their titles.

Although prizes will be given only for the first three places, fourth and fifth will count for the team score. A medley relay will be run between the class relay teams. The first man will run one lap and the three succeeding men three, five, and seven laps respectively. The pole-vaulters and broad jumpers will formally initiate the new indoor dirt runway which is a recent addition to the hangar gym.

The events will be: - 70 Yard High Hurdles, 40 Yard Dash, 300 Yards, 600 Broad Jump.

### TILTON ACADEMY TO PLAY FROSH TONIGHT

The Tilton Academy basketball and Gray frosh. The Engineer year-Morgan have been working hard on the Walker court for tomorrow night's tussle, Captain Brockelman and Mc-Clintock will be assigned to guard duty with Dame in reserve. Allen will be at the tip-off position while Conti and Johnson will be at the point getting positions.

### Interfraternity Basketball Results

Lambda Chi Alpha 39, Phi Kappa 14; Sigma Nu 49, Phi Mu Delta 4; Beta Theta Pi 28, Delta Upsilon 11.

Now that the interfraternity basketball season has started, the bright prospects of the track team are greatly menaced by the fact that several of the prominent track athletes have been playing in these interfraternity contests. A track athlete who plays in a game of this sort runs a great risk of crippling himself, as far as the track team is concerned, for the entire season. We would like to see all men who are on the track squad refrain from participating in these contests.

> Signed, George J. Leness, Captain of Track. Oscar F. Hedlund, Coach of Track. John H. Fields, Manager of Track.

### FENCING TEAM GOES ON THREE DAY TRIP

Captain Sam Cole, Joe Levis, Ken Hawthorne, Fere and Mike Davier of the fencing team left late Wednesday night for a three day trip to New York, meeting Cornell, Syracuse and Hamilton on successive nights. This ends for the foilsmen and considering the showing that they made against Columbia and the Navy they ought to be fairly successful in their quest for victories.

The men have been working early and late this week in North Hall, Walker, so that they are in good shape

The jirst Love, the first swirlst

The first South Sea Island,

### Second Basketball Dance Tomorrow

Tomorrow evening at 7:00 in the hangar gym after the basketball game between Technology and University of New Hampshire, and the wrestling meet with Brown, there will be held an informal dance under the auspices of the Athletic Association and Musical Clubs. Admission to the game in the unreserved section of the stands will be mèrely your M. I. T. registration card. Admission to the game in the reserved section will be 50 cents per person. Admission to the dance after the game will be 50 cents per person.

### **SWIMMERS EMBARK** ON NEW YORK TRIP

Meet Syracuse and Union on Consecutive Evenings In Foreign Waters

This morning the Technology swimmers began their two day invasion of New York State, where they will meet Syracuse University and New York Union. Both of these teams are exceptionally strong this season but the Engineers have been improving all of the season so that they will force the New York Colleges to go the

New York Union, starting the year with but few veterans, has gradually improved itself until at the present writing, it has a really formidable aggregation that is likely to cause several upsets before its schedule is completed. Their recent victory against Swarthmore gives ample proof of their ability in the pool.

In Syracuse University, the Technology swimmers meet one of the best tank squads in the country. In recent years, Syracuse has always boasted a well balanced team, but this season has produced a record outfit. They have not lost a match nor even been forced to any great extent by their opponents.

Technology will attempt to make up for its recent defeats at the hands of Yale and Dartmouth, and unless they have more than their share of hard luck, should avenge themselves. Captain Wies will be the only entrant in the 440 yard swim. Johnson and Bridges will start in the backstroke, while Brown and Woods will compete Yards, 1000 Yards, Mile Run, High in the dive. Grover will enter both Jump, Shot Put, Pole Vault, Running the dash events. The 200 yard relay will be composed of Wies, Brown, Armstrong and Johnson.

Grover is conceded more than an even chance in the shorter events as a result of his work at New Haven and Hanover. Of the four events that he entered in these two meets. he succeeded in winning three and getting a second in the other. In both quintet will invade Walker gym to the 50 yard and 190 yard events at morrow evening to meet the Cardinal Yale he established new records. At Dartmouth he forced Bryant to a new ling five under the tutelage of Berny high mark for that college in order to win the 50, while in the century, he easily defeated Captain Ballantyne of the Green.

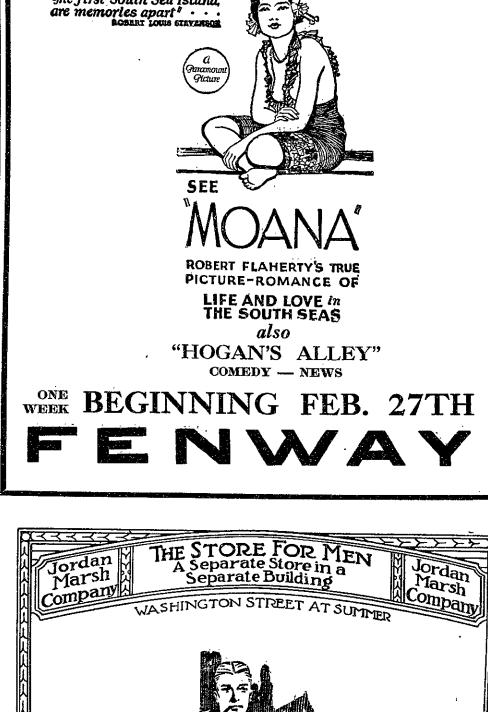
### **HOCKEY TEAM MEETS** TERRIERS ON MONDAY

Squad In Top Form For Winsor Cup Series at Arena

As a result of the postponement of the New York trip because of lack of ice, the Technology team will have a short rest over the week end. In one way this was a most fortunante occurrence, for after such a journey the players could not possibly whip themselves into shape for the coming Boston University game on Monday

At the present time the Terriers are at the top of their game so that the Engineers will need all the strength they can muster for Mon-day's match. These old rivals have met twice already in the present season and each has managed to secure a win. In the first clash the Boston team had little difficulty in defeating the Institute 3-1, but three weeks later Technology turned the tables by winning a very fast 2-1 game.

Coach Stewart has been training his players very thoroughly for the last few weeks and expects great things from them in their remaining games. Bill Berkeley, Randall, and Deke Crandall have shown up to best advantage, but the remainder of the squad have done very creditable work. Richards at goal has been improving with every game and should prove a bulwark to his team on Monday.



Four Piece Sports Suits That Spring Will Bring Forth Fashioned from excellent quality cheviots in the new, smart Spring Styles, these four-piece suits of Coat, Vest, Trousers and Plus Fours are going to be popular on the campus this spring.

Topcoats

The new Topecats featuring both the button-through and fly front styles are tailored from fine cheviots in the popular light colors that are generally associated with early spring. These suits and topcoats represent the best line of spring wear we have ever offered.

THE MEN'S STORE OF NEW ENGLAND

# Report Recommends Increase of \$3.50 Per Man In Student Tax For Athletics

(Continued from Page 1)

mary of this report as it appears in the document itself is as follows:

Problem

As a result of the financial condition of athletics at M. I. T. an investigation was authorized by the Institute Committee to determine the advisability of increasing the Student Tax as a means to provide additional funds which are very essential for the upkeep and future welfare of athletics at Technology.

To care for this

#### Conclusions

The committee which conducted this investigation has found that the present amount of money allotted to athletics from the Student Tax is not sufficient to carry out the avowed athletic policy of the Institute, which is briefly to provide recreation and exercise for the maximum number of students as a complement to their mental training.

After making a survey of the possible sources of income the committee has found that any material increase will have to come either from the Corporation or the Student Tax. A great deal of the money needed for athletics is required for running expenses which, with the exception of certain coaching salaries, have always been most satisfactorily cared for by student funds and the committee feels it advisable to continue this

Permanent facilities and their maintenance expenses for athletics have always been provided by the Corporation and the committee has simply pointed out certain additions of this nature which are very essential and has not attempted to prepare any definite estimates for these additions.

A careful compilation of the needs of each sport has shown that the total additional needs for operating expenses amounts to \$8383.00 which the committee believes should be taken care of

#### BOXING TRIP

The following men are to be at the South Station at 11 a.m. tomorrow, February 27, for the Yale trip: Varsity: Kwauk, Epstein, Keith, Conroy, Flynn, O'Malley, Freshmen: Joyce, Aldrich, Roggi, O'Neill, Hubbard, Arellano.

# MATMEN MEET BROWN BEFORE HOOP GAME (Continued from Page 1)

great deal on his ability to cast from the floor. Dancing will follow the game and will last until midnight.

by an increase in the Student Tax. The present method of combining with Tech Show, resorted to by the Athletic Association to finance a deficit of \$2000.00 in this year's operating expenses, is an experimental step which may provide an increase in the income of the Athletic Association but which should not be relied on for the future until its practicability has been proven. The committee has not made any deduction for the possible income from this source.

To care for this need of \$8383.00 on the basis of 2500 paid undergaduate dues it will be necessary to increase the athletic tax \$3.35 per student. However, in view of the fact that this \$3383.00 is an estimate and in order to facilitate collection an increase of \$3.50 would be more advisable.

#### Recommendations

Your committee, therefore, after a careful consideration of the situation recommends that:

1. The Student Tax be increased \$3.50 per man per year and that the increase be apportioned to athletics in addition to the present apportionment.

2. The Corporation take steps to provide needed practice facilities and equipment.

As part of the program at the hang ar gym tomorrow night, the Varsity wrestling team opposes the undefeated Brown matmen in the hardest match of the season. Although Brown has beaten Yale and Yale won an overwhelming victory against Technology, the outlook is not as dubious as might seem at first glance. In the first place, many substitutes wrestled for Yale against Brown, while the entire regular team competed against the Engineers.

Inspired by the leadership of Capt. Franks the men have shown a wonderful spirit, particularly in the last three meets, against Norwich, Harvard, and Yale. Burke is now in fine form and the other men are in good condition. The final score cannot be predicted, but whatever the result, the Institute team can be expected to put up a good fight. Joe Parks, sophomore football player, defeated Staebner in the unlimited class in 4 overtime periods last night.

Tomorrow afternoon at 2:30 the freshmen wrestling team also meets a hard opponent when it tackles the undefeated Tufts freshman team. Among a team of good men Capt. Garcelon of the Tufts frosh stands out for his excellent record. Champion of the state of Maryland in the 125-pound class, he has been unbeaten this year.

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with their feet on the handle

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# UNDERGRADUATE

GYM TEAM MEET

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

### TRACK PICTURE

Members of both freshman and Sophomore Field Day Relay teams and members of the Varsity One Mile squad are requested to be present at Notman's Studio at 11 o'clock on Sunday, February 28. It is necessary that every man wear his track suit.

### CREW

An informal dinner will be held tonight at 6:15 at the Grill in Walker Memorial for all men on the 150 pound Varsity and 150 pound freshman squads. All prospective candidates should be present.

### VARSITY-ROTC RIFLE TEAM

The rifle range will be open from 9:30 to 12:00 tomorrow for the completion of the match firing.

### POWER LECTURE

Mr. W. L. R. Emmet, General Electric Co. will speak on "Power from obtained in the mercury Vapor." Room 4-231 at 4 o'clock today. Open to all interested. seventy-five cents.

### DARTMOUTH CLUB

Notices and Announcements

Meeting at 12 o'clock today, Grill room, Walker.

### THETA CHI DANCE

Theta Chi Fraternity has postponed

the dance that was to have been held at the chapter house this evening due to illness at the house.

SARGENT CONCERT

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

### T. C. A.

All men with application cards on file in the T. C. A. Employment Bureau will find it to their advantage to fill in the second term schedules thereupon.

# MUSICAL CLUBS HOLD CONCERT AT SARGENT

The Combined Musical Clubs will give a joint concert with the Sargent School of Physical Education musical clubs tonight at 8 o'clock in the Sargent gymnasium.

Two specialty acts, a banjo duet by Ray Mancha '26 and Floyd W. Hall '28, and a trombone solo by Arthur R. Keith '28 will be features added to the regular program. The Sargent's clubs will contribute two numbers, both by the glee club.

Dancing will follow the concert and will last until 12 o'clock, with music by the Techtonians. Tickets may be obtained in the main lobby between 12 o'clock and 2 o'clock today for seventy-five cents.

# FRESHMEN TO DEBATE WITH LACONIA HIGH

March 26 has been set for the freshman debate with Laconia High School on the League of Nations. Originally it was planned to have this debate on February 13 on the World Court, but the action of the Senate in ratifying the measure made this a settled question and thus unsuitable for debate. This meet will be held at the Institute.

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P. A. simply knocks troubles for a row of planished-steel mudguards. Its cool, soothing smoke percolates into your system, the sun crashes through the clouds, and everything is hotsy-totsy. Yes indeed, Fellows, Prince Albert is great tobacco.

And paste this in the fly-leaf of your the-saurus: P. A. can't bite your tongue or parch your throat, no matter how hard you hit it up. The Prince Albert process flunked Bite and Parch on their first examination. Get a tidy red tin of P. A. now and see.

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