



## Embryo Bond Issue To Finance Carnival Given By 5:15 Club

### Share-The-Profits Plan Computed By Graph

### Bond Holders To Receive Carnival Tickets On May 1

In order to raise funds to finance the Tech Carnival on May 3, a special Embryo Bond issue will be offered for general sale to the student body by the Board of Directors of the 5:15 Club.

The issue will place in the hands of prospective student investors one hundred bonds at a par value of \$1.00. The bonds will earn a definite amount of interest to be specified by a profit curve which has been worked out by the mathematical department of the organization.

#### 86.6% Interest Rate

The slope of the curve is such that the club will be able to pay a yearly interest rate of 86.6% on the bond issue for the six weeks loan if the Carnival profits amount to \$100. In the event that the profits amount to \$200, the bondholders will receive a yearly interest rate of 86.6% on their investment. The exact rate of interest may be calculated from the curve:

$$I = 52/6 [\log (.01)]^P$$

for values of P between 0 and 200 where "I" is the yearly rate of interest and "P" is the Carnival net profit.

Bond holders will receive a ticket  
(Continued on Page 2)

## Canoeing Movies To Illustrate Talk

### Outing Club Also Schedules Weekend Trip, Hike At Tech Cabins

Mr. Kenneth Henderson, of Boston, is to speak on canoeing at the meeting of the Outing Club to be held at 5:00 o'clock Wednesday in Room 1-390. Mr. Henderson will also show colored motion pictures of real canoeing.

These pictures were very well received a few weeks ago by the Appalachian Mountain Club Canoeing enthusiasts, who share Mr. Henderson's scorn of "Charles River Canoeing."

The Outing Club is also planning a trip to the Tech Cabin for next weekend. Fourteen members and their dates will hold a "real old-fashioned" square dance Saturday night followed by a hike on Sunday. Professor and Mrs. F. Alexander Magoun have signified their intentions of acting as chaperones.

## F. W. Caldwell To Lecture To A. E. S. Thursday

Mr. Frank W. Caldwell, Aeronautical Engineering department lecturer, is to deliver the third lecture in the current A.E.S. lecture series in Room 3-270 Thursday, April 4, at 3:00 P.M.

Mr. Caldwell, who is the engineering manager of Hamilton Standard Propellers, is to speak on "Manufacturing Methods and Processes for Aircraft Propellers." The lecture, which is open to all interested, will be illustrated with movies and slides.

In 1933, Mr. Caldwell was awarded the Collier Trophy for the year's most valuable contribution to aviation. Other speakers in the series have been Mr. Edward P. Warner and Mr. Igor I. Sikorsky.

## Class of '40 To Redeem Options on April 3, 4, 5

Senior Week options are being redeemed this week in the main lobby of Building 10, it was announced by James S. Rumsey, '40, chairman of the committee. Men will be at the desk from 10 A.M. to 4 P.M. on April 3, 4, and 5. This is the last time that the options may be redeemed. At the same time, tickets to the individual events, including the concert, Senior Ball, and the tea dance, will be available. The price of the redemptions is \$8.00.

## Five Girls Named By Walker Staff To Pour At Ball

### Committee's Dates To Serve Buffet Supper For Formal Ball

Walker Assemblies Ball Committee announced last night the names of five of the young ladies who are to pour at the buffet supper of the annual affair. All of the girls are to be guests of the Committee.

Those who were named were: Miss Betty Knapp of Simmons College, guest of Philip A. Stoddard, '40; Miss Charlotte Douglass of Belmont, guest of Willard S. Mott, '41; Miss Katherine Harmon of New York, guest of Dirk Van Dongen, '41; Miss Ruth Deyoe of Virginia, guest of William O. Strong, '42; and Miss Ruth Pirie of Simmons College, guest of James H. Moore, '40.

#### Staff Alumni to Attend

Over fifty replies have been received from Walker staff alumni accepting invitations to the annual formal to be held in Walker on the evening of April 12 from 10 P.M. to 3 A.M. Former members are expected from Buffalo, Baltimore, New York City, New Jersey, Maine, Montreal, and many other cities throughout the country.

Bob Adams and his orchestra, which played at the latest Senior dance, has been chosen to supply the music for the ball. Many other preparations for entertainment are under way at present.

## Education Takes 89.47 Years, Hell-Week Computations Show

An age, it has been said, would not be time enough to do all that is to be done on this earth. It would not even be enough time to take all the courses that the Institute has to offer. For by actual computation, it would take 89.47 years for one man to take every course offered this year.

Figured out under forced draft by some poor freshman during Hell Week, and verified with the new bulletin, the results, due to slight errors in the collection of data and the large personal error factor, may be considered accurate only to two significant figures. Upon investigation, it turned out that the Hell Week computation was done between the hours of 4 and 5 A.M. at a table in Walton's Restaurant, Scollay Square, and that the so-called verification was done at about the same hour yesterday morning at a desk in Wood 606.

## General Radio To Help VI-A

### New Co-operative Course Planned With Radio Company

The General Radio Company has completed arrangements with the Institute for the formation of a new co-operative option in Course VI-A, in which two students of each class will participate, it has been announced.

The General Radio Company, well known in the field of electrical measuring equipment, has for many years been employing Technology graduates of Course VI-A. They feel that the special training in the design of electronic apparatus and measurement devices received at the Institute should be supplemented with practical plant experience. For this reason they have provided the co-operative course.

#### Men Will Alternate at Plant

The men participating in the new co-operative course will alternate each term, half of them working at the company, the other half studying at the Institute. At the plant the men will get experience in various kinds of assembly and machine operations used in production.

The course will lead to the degrees of Master of Science and Bachelor of Science in Electrical Engineering. During the fourth term at the company the men will be assigned to special problems in design, development or commercial work.

The General Radio plant is located in Cambridge a few minutes walk from the Institute. The date on which the new option is to start has not yet been announced.

## Dining Committee Has New Members

### Jack Wood and Wm. Ahrendt Are Faculty and Dorm Representatives

Mr. Jack Wood, master of the Senior House, and William R. Ahrendt, '41, chairman of the Walker Memorial Committee, have been chosen as the two remaining members of the new committee, which was chosen to cooperate with the Walker Dining Service it was announced last night.

The two men were chosen by the president of the Institute Committee as representatives of the faculty and the dormitories respectively. The motion, passed last Thursday by the Institute Committee, provided for two members of each residential group and two faculty members to form the committee.

#### Implications Are Devastating

But accurate or not, the implications of the figures are staggering. It would mean that, if you had started yesterday, you would receive your degree of Master of Brown Bagging some time in the year 2029. (A more accurate solution is left as an exercise for the reader.)

Just think: The year 2029! Roosevelt would be beginning his twenty-third term. Mrs. Roosevelt would just have completed writing the 27,857th issue of "My Day." Mexico, at the rate of one every fall and one every spring, would be in the midst of her 178th revolution. And worst of all, Voo Doo would have perpetrated upon a still unsuspecting public 712 more issues of that disreputable publication.

(Continued on Page 4)

## Dormitories Plan Ball To Vie With I.F.C. On Open House Eve

#### Band Leader



Jack Marshard, whose Persian Room Orchestra will play for the Open House Ball.

## Marshard's Music, Buffet Spread Featured

### Ticket Sales Limited To Dormitory Men For Three Weeks

The dormitories' Open House Ball will vie with the fraternities' I.F.C. Ball as the highlight of Open House weekend, both affairs being held the same night, Friday, April 26, the eve of Open House. The ball is a regular feature of Open House and is always held in conjunction with it.

Marshard's Music, formerly of the Persian Room of the Plaza Hotel in New York City, will supply rhythms for dancing. This is the same orchestra which Jack Marshard uses for his recordings with Columbia and Brunswick.

#### Two Dollar Admission

The affair, which will be patterned more on the lines of a party than a dance, will be held in Morss (Main) Hall of Walker Memorial from 10 P.M. to 2 A.M. Two hundred tickets at two dollars apiece will be available only to dormitory men during the first three weeks of sale. During the last week, tickets will be on sale to the student body at large.

The Dormitory Committee emphasizes that the two dollar admission price will not begin to meet the expenses of the Ball, and that the balance will be taken from the profits of the other dormitory functions held this year.

A show featuring songs and a professional comedian is planned for the occasion. A buffet supper to be spread at midnight, will contain coffee, sandwiches, ice cream, and cake. Chaperones and guests will assist in serving.

## Peace Day Rally Date Is Changed

### Demonstration Is Postponed To Permit Freshmen Attendance

The date of the Peace Day demonstration sponsored by the Technology Peace Federation has been changed from April 5 to 4:00 P.M., April 11, it was announced by Frederick Kunreuther, '41, president. It will take place in Huntington Hall, Room 10-250.

The change has been made, Kunreuther said, because it was discovered that military drill on Friday afternoons would make it impossible for freshmen to attend the demonstration. The new date makes it possible for all classes to hear President Karl T. Compton and other speakers discuss the theme of the Federation, "How will we best keep the United States out of war."

#### Dean Caldwell to Speak

How this country should attempt to combat any attempts on the part of foreign powers at economic and military domination of South and Central American nations will be discussed by Dr. Robert G. Caldwell, dean of Humanities who was formerly United States minister to Bolivia.

Two students from the undergraduate body, David T. Morganthaler, '40, chairman of the Open House, and I. Seth Levine, '40, were chosen as speakers by the Peace Federation. Professor Clark S. Robinson of the Chemical Engineering Department is the fifth speaker of the day.

## Tech And Lasell Glee Clubs Will Present Concert

### Formal Dance To Follow Concert In Main Hall On April Fifth

The M.I.T. Glee Club and the Orphean Club of Lasell Junior College will present a joint concert of choral music in the Morss (Main) hall of Walker Memorial on Friday, April 5, at 8:30 P.M. After the concert, the members of the Lasell club will be the guests of the Technology club at a formal dance to be held in Morss Hall. There will be no charge for admission to concert and dance.

This concert will be the first of two concerts to be presented jointly by the Lasell and the Technology Clubs. The second will be held at Lasell early in May.

#### Club Has Large Program

The Technology Glee Club will sing "Vere Languores," "The Donkey," "The Guard Passes," "The Morning Hymn," "The Fish," "Keep In The Middle Of The Road," and "The Husars." Arthur L. Lowell, '41 will sing the baritone solo in "For A Last Good Night" by Schubert.

The Orphean Club of Lasell will present "O Lovely Night," "Two Eastern Pictures — Spring — Summer," "Gypsy Life," and "Polovetzian Dances." The Combined Clubs will sing: "Oh, Rejoice Ye Christians Loudly," "Emitte Spiritum Tuum," and "Finale from The Gondoliers."

## Camera Club Announces Judges For Competition

Judges have been chosen for the photographic contest being sponsored by the Camera Club, it was announced last night. The judges will be Professor Henry L. Seaver of the department of Architecture, Professor Frederick G. Fassett, Jr., of the English department, and Professor John T. Rule of the Drawing Department.

The contest is open only to undergraduates, but members of the faculty and graduate students are invited to submit prints for exhibition. Ten Awards will be made. All entries must be in by April 22.

# The Tech

Vol. LX Tuesday, April 2, 1940 No. 16

MASSACHUSETTS INSTITUTE OF TECHNOLOGY

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What is important about this inherent conservatism is that it can lead to stagnation. If a system has no longer any avowed function, mere custom should not command its further life.

The Combined Professional Societies, no longer useful to the Institute, unfitted in organization to execute duties which some other, differently constructed organization might do, deserved to die.

## THE READER SPEAKS

To the Editor of "The Tech":—

As the one who brings more visitors to the Walker Dining rooms than any other person at Technology I feel like repeating the expression of most of the guests in the words of—"I don't see how Technology can serve such good food at so low a price,—it sure is a help to the students' education."

Cordially,

WILLIAM JACKSON

Gentlemen:

I wish to observe that all the vigorous protests against your editorial BREAD AND WITHOUT were written exclusively by members of the Dining Service Staff.

Sincerely yours,

NORMAN L. LASCHEVER, '40

MARSHALL E. GREENSPON, '40

Dear Editor:

Part of the myth of The Tech man has burst like a spent soap bubble.

Two weeks ago, Bill Sussman and John Burr conducted thru The Tech a battle of written words on the problem of governmental activity and its effect on you and me. Then, The Tech comes to the front with a question of Walker "activity" and its effect on you and me. Which, in the long run is more important, Walker or the United States government?

From the flood of mail and the cry of the concerned, Walker leads hands down.

Are we deaf to such problems as war, peace, capitalism, religion, government, labor, and Russell? Have we been made lethargic by our slide rules and 8.01 books to the larger and more important questions? Can't we come out of our Dorms, Fraternity houses, and boarding-house rooms to see the bigger things in the battle of life?

Knowing how and when to apply engineering is much more of a problem than the sheer application. The use of the formula is a simple matter when compared to the question of correct usage. And, we're going to make a mighty poor batch of engineers if we can't see the problem of living as a whole. We all have, or should have, a contribution to make to society. How are we going to make it if we don't see why?

More issues on a controversial nature, less cramming of engineering at the expense of a background, more opportunity to discuss these problems in the class room, more time to study and really learn—that is what we need. A degree in five years? Why not! A handbook engineer, such as we are apparently turning out en masse, is a drug on the market. A good socially conscious engineer is a worthwhile addition to civilization.

Sincerely,

NORMAN R. KLIVANS, '40

Dear Editor:

In recent letters to you a number of well founded points were brought out in favor of improvement in the quality of the food served at the Walker Dining Hall. No deep investigation is necessary to prove these points are correct. A school with such a high standing as M.I.T. should provide a restaurant comparable with its other standards.

Arguments defending the Walker Service, all of which were incidentally given by student employees, were based mainly upon the point that the patronage has not dropped. This point is ridiculous inasmuch as the clientele consists largely of men living in the Dorms. These men eat at Walker in preference to the restaurants in the neighborhood, which it is no compliment to say, that Walker exceeds in quality. Let us hope that the time will never come when the men will all shun their own own school dining halls.

Sincerely,

DANIEL J. DEGEN, '41

## Reviews and Previews

**Metropolitan Opera.** Performances by the Metropolitan Opera Association will continue until April 6. Tonight at eight *La Gioconda* will be presented.—BOSTON OPERA HOUSE.

### STAGE

**Hot Mikado.** Bill Robinson and the original cast bring Harlem's version of the Gilbert and Sullivan operetta back to Boston.—SHUBERT

**There Shall Be No Light.** Alfred Lunt, Lynn Fontanne, Richard Whorf, Maurice Colbourne, Robert Sherwood's new play comes to this cultural center of New England for a week's tryout.—COLONIAL

### SCREEN

**Virginia City.** Randolph Scott, Humphrey Bogart, Errol Flynn, Miriam Hopkins. The breathless saga of the seventy-three who built a city of gold on a foundation of the lead of bullets.

**Calling Philo Vance.** James Stephenson, Henry O'Neill, Margot Stevenson. The beginning of another series of detective thrillers based on the famed S. S. Van Dyne stories.—METROPOLITAN

**Pinocchio.** Walt Disney's better-than-ever full-length Technicolor cartoon continues for another week. **Ma! He's Makin' Eyes At Me,** Tom Brown. First it was "Oh, Johnny." Now Look!—KEITH MEMORIAL.

**Rebecca.** Laurence Olivier, Joan Fontanne. An excellent adaptation of Daphne Du Maurier's best selling novel. Continues through Thursday. **Outside 3-Mile Limit.** Jack Holt. Well, what about it?—LOEW'S STATE and ORPHEUM.

## 5:15 Carnival

(Continued from Page 1)

to the Carnival valued at \$85 on Wednesday, May 1, as the first return on the investment. On May 15, the profit and remaining principal will be paid the investors.

### Red Tape to Be Cut

At present, the Tech Carnival Association officials are considering communicating with the Security Exchange Commission to receive sanction for the issue, but in all probability any legal entanglements will have

## Dowling Crowned Handsomest Man

Lording it over his nearest beauty competitors, Mason L. Dowling, '41, received the prize of a wreath of fresh sweet peas as the "King of Spring." The applause and bravos of the feminine guests attending the 5:15 Dorm Spring Dance, at the sight of his manly beauty, crowned him "handsomest man" at the dance.

Runners up in the masculine beauty contest which took place at the dance in Walker Memorial Friday night March 29, were John H. Brannan, '41, and a visitor from Wesleyan. Due to the unfortunate circumstance of his being chairman of the Dormitory Dance committee Norman R. Klivans, '40, though widely supported, was forced to withdraw.

Many fluttering female hearts were cast down when a naive modesty caused the withdrawals of John E. Murdock, '41 and Philip C. Morgan, '40.

The symbol of his kingship, a crown of sweet peas, was placed on Dowling's head after he was chosen from about a half dozen aspiring "kings".

been straightened out by next week and the bonds will go on sale at a date to be announced in the next issue of The Tech.

Bonds may be secured only through a registered agent of the Association. Regardless of the outcome of the Carnival financially, the bond holders are insured of the original return of their investment of \$1.00 per bond.

For years the problem of financing Institute affairs as well as the problem of returning excess profits to the student have remained unsolved. In the Embryo Bonds, the Carnival committee believe that they have found the double solution.

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## THE SIZE OF FREE SCHOOLING

Congress' recent extension of N. Y. A. appropriations and the controversy attached thereto fade into inconsequence when one considers the University of North Carolina in 1837.

In the catalogue from that university for that year is a paragraph which states that: "The faculty are authorized in all cases, when the applicant is a native of the state, sustains a fair moral character, and, upon examination, is believed to possess the requisite mental endowments, natural and acquired, and is unable to pay the Tuition Fees, to admit him into any class, for which he may be prepared, without charge either for Tuition or Room Rent."

That they may not become too obsessed with the weightiness of their discussion let Mr. Sussman and Mr. Burr tomorrow evening in their debate remember the dimensions of their differences and the scale to which they're plotting them.

## FUNERAL FOR C.P.S.

The Combined Professional Societies is dead. Without mourners or weepers, its passing was noted at last week's Institute Committee meeting.

For two years investigating committees had been tossing the C.P.S. back and forth in attempts to find some excuse for its existence. Repeatedly, they ran into blind alleys.

The last such committee, whose report last week recommended the dissolution of the C.P.S., found things which needed to be done, but which did not rightfully nor inevitably belong to that organization.

These duties, it was advised, ought to become the program of a new group, the so-called Institute Relations Committee.

Progress is indicated by the shaking off of the dormant Combined Professional Societies.

It is always difficult to change an existing system. Opinion and habit naturally resist revolution. We just don't like to see the passing of something which we have seen around for a long time.

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# BEAVER TALES

By Jack Quinn

Wrestling takes the spotlight this week as the preliminaries of the Tech Wrestling Tournament get underway. With fifty entrants previously signed, the competition in all events should be quite interesting. The 145, 155, and 165 pound classes in particular, are anybody's business.

Freshman grapplers Milman and Hill look good as finalists in the 136 pound section, while Bob Cohen and Bob Hall may well be expected to go into action against each other in the 136 pound final. Sweeping over the heavier classes, we should see Ed and Shamban hitting the mat on Saturday in the '75's. Bob Krieger, Mercersburg star last year, is expected to pair off with Bill Adams in the unlimited.

There is, however, the greatest source of these predictions being up because of the large number of men entered and because of the presence of many former grunners who laid off for a year or two. With a lot of husky boys participating the show should be a good one to watch.

## WORDSMEN STUN N.Y.C.

New York City newspapers we heard of last weekend to seek information about this rejuvenated fencing squad who stood at the top of the point score after the first day of the intercollegiate. Called the horse and the surprise package of metropolitan dailies, the Beaver squad did manage to hold fifth place in the tallies were counted. Superior material supplies and more able training conditions were made it possible, it seems, for U.S. Navy, Columbia, and Army, and the Cardinal team.

Columbia's team, incidentally, received the praise of the Beaver squad in the heat of the tournament was made up of regular fellows. Saturday night, both squads, we heard, helped each other celebrate.

Happy also at the club's fine show were the two regular mascots, dark-eyed Cuban beauties who were seen cheering for Tech at all the events. Mrs. Yvonne Levis, the coach's mother and her younger cousin, the blind-eyed Miss Hortensia Rodriguez were the ones. And they may well be proud of "their Joe" for the fine job he has done this year in raising the level of fencing into the first division intercollegiate competition.

## Beavers Down Illinois For Record

Beavers Score Best Season in History Of Sport; McKee Leads

Completing its intercollegiate schedule for the 1939-40 season, the pistol team set a new record in beating the University of Illinois, 1364-1299 in a match last Sunday.

Top scorer for the match was J. H. McKee, who, firing his last match for the Beavers, put up a score of 278. B. Murdock, whose shooting this season has been consistently good, and Johnny Cantlin were next with 268. The other members of the team did well, Henry shooting 272, and Ed 268.

The pistol team's record this year is the best in the history of the sport. In all, they have shot fifteen intercollegiate matches, of which they have won ten and tied one to give them a 66.7 percent average for the season.

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## Hedlund Accepts 5:15 Trophy



Lester Gott, President of 5:15 Club, presents Interclass Trophy, to Coach Oscar Hedlund at the Track Rally yesterday. Left to right: Stan Backer, Gott, Hedlund, and Vernon Kyllonen, track captain.

## 1940 Spring Track Season Opened At Rally

### Lester Gott Presents 5:15 Interclass Trophy To Hedlund

One hundred track men gathered on Briggs Field House roof yesterday afternoon at the rally opening Tech's 1940 Spring track season. George Carens, sports writer and expected guest speaker, winged his way up from New York too late to attend.

Lester Gott, president of the 5:15 Club handed the 5:15 Spring Interclass Cup to Coach Oscar Hedlund, saying that it was a permanent trophy to be awarded each year to the winning class in the Spring Interclass Meet and that it was being given in recognition of the work of two commuters—Vernon Kyllonen, track captain, and Stan Backer, cross country captain this year.

Coach Hedlund closed the rally with a pep talk, and then treated the tracksters to ice cream and workouts. The 1940 spring track season schedule was released as follows:

- Varsity
  - April 27—Colby at Waterville, Maine.
  - May 4—Bates at Briggs Field.
  - May 11—Spring Interclass Meet.
  - May 18—Brown at Briggs Field.
  - May 25—N.E.I.C.A.A.'s at Springfield.
  - June 1—ICAA's at Harvard.
- Freshman
  - April 26 Tufts at Briggs Field.
  - May 3—Moses Brown at Providence, R. I.
  - May 8—Tufts at Tufts.
  - May 15—Brown at Briggs Field.

## Nautical Racing Season Starts Sunday Afternoon

Brisk breezes swept in the 1940 Nautical Association spring series of formal races on Sunday. Both graduate and Class B divisions bounced over and through the windswept Charles River in the first of the series which ends with the award of the Vose Cup.

Charles MacArthur, G. garnered 21 points to win in the graduate division with Joseph River's 20 points a close second. Hanson took a sharp third with 19.

In the closely contested "B" division Richard Gibson, '42, won with 85%. Robert Chappelle, '42, second with 77%, and tying for the third position were Ed Owen, '41, and Robert Golbey, '43.

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## Beaver Rifle Team Wins Fourth Place

The Institute rifle team pulled one of its many surprises last Saturday when Jean Lewis, '40, won individual scoring honors at the National Rifle Association matches at the National Guard Army in New Haven, Connecticut. Lewis' score was 279 out of a possible 300. In the team competition the Beavers finished fourth out of fifteen participants.

On Friday the rifle team journeyed to the Coast Guard Academy in New London, Connecticut to fire in the New England Intercollegiate Rifle Matches there. The team finished fifth out of the ten contestants behind Harvard, Yale, Norwich, and Northeastern respectively.

The team that took part in the matches consisted of Captain Valentine deV deOloqui, Jr., '40; Douglas Crawford, '40; Jean Lewis, '40; Manager Joseph Myers, '41, and Dick Gannon, '42.

## Gymnasts Place In N. E. Matches

### Keyes Is Individual High-Scorer; Miller, Maxwell Win In Two Events

Technology's representatives at the New England Intercollegiate Gymnastic Championships held last Saturday at Hope High School in Providence, Rhode Island, took four first, one second, and one third places, to add a touch of glamour to an otherwise mediocre season.

Raymond E. Keyes, '40, outstanding Beaver performer throughout the season, was the highest individual scorer of the meet. He won the senior crown on the parallel bars and the rings, and took second place on the side horse.

Miller, Maxwell Star  
Kirk Miller, '41, placed first on the junior side horse and third on the senior side horse.

Robert W. Maxwell, freshman ace, proved himself to be of varsity caliber by winning the junior parallel bar event.

During the regular season, the Engineer gymnasts won only one of its meets, that against Dartmouth. They lost to Army, Navy, Springfield, Penn State, and Princeton.

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# Beaver Swordsmen Gain Fifth Position In Intercollegiates

## Rivers Announces Weight Regulations For Tourney

Wrestling Coach Joe Rivers has announced the weighing-in regulations under which the All-Tech Tournament is to be conducted.

All contestants must weigh-in between 8:30 A.M. and 3:00 P.M. on April 3. Anyone failing to make the class for which he signed up may wrestle in the class above. He may also compete in the class below if he can make the weight.

The pairings for the first round will be made between 3:00 and 4:00 P.M. on Wednesday. All wrestlers must report to the gym before 6:00 P.M. equipped to wrestle.

Contestants who wrestle on Thursday, Friday, or Saturday may weight in at one pound over their respective class weights. No one will be permitted to change his class after the preliminary weighing.

## First Crew Race Only Month Away

With less than a month remaining before the first race, Cardinal crews are now hitting the water every night. Ten crews have been turning out with the freshman heavies leading the list with four boats and the varsity heavies and lightweights each sending out three crews.

Head coach Bob Moch predicted a big shakeup in the varsity crew today, while Jim McMillan, freshman coach remarked, "The fellows are rowing hard and well, but there are still going to be changes." Saturday all the boats rowed to Watertown and back, a trip of about thirteen miles.

Schedule  
The complete schedule for varsity, jayvees and freshman heavies is as follows:

- April 27—Harvard, Syracuse, B. U.—Here.

(Continued on Page 4)

## SAE Bows To Senior A 25 To 18 In Last Minute

In the only game played during the past week in the Beaver Key play-off series, Senior A defeated Sigma Alpha Epsilon 25-18 last Sunday morning. The nip-and-tuck battle was undecided until the final minutes of play, when the Senior team increased its one-point lead to seven points.

Irving Stein, '41, led the Seniors with eight markers. Richard C. Wynne, '41, was top man in the SAE's scoring column with six tallies.

5:15 Vs. Chi Phi  
Tomorrow night, 5:15 Club gets its chance to cinch the title when it meets Chi Phi in the Hangar Gym. The commuters, having defeated both SAE and Senior A, need only a victory over Chi Phi to end the tournament.

## Tech Placed First In Competition On Friday

### Adelson Wins Sixth Place In Sabre; Krieger Drops Epee

Gaining fifth place in the national fencing intercollegiate against a star-studded field of twelve teams Tech's swordsmen ended their most successful season in many years on a triumphant note. The bouts took place last Friday and Saturday in New York City.

The Beavers started strong, heading the lists at the end of the first day. Everyone was fencing well, with the result that the majority of the team qualified for the semi-finals. In epee, Krieger and Baldwin stood out, with Krieger at the top of the six in his preliminary section, and Baldwin second in his section.

Krieger Ties  
In the semifinals, however, Baldwin was eliminated, but Krieger went on by tying two other men for third place in his section. In the fence-off following, he was eliminated; hence, none of the epee team reached the final.

In the sabre, Bech and Hinchman were unsuccessful at qualifying, although they each added two points to the Beaver score. Adelson worked his way into the semifinal, where he placed third and then into the final where his steady wrist enabled him to take sixth place in the intercollegiate.

Bech Shaded  
Because his sabre bouts ended late, Adelson found his bouts in the two sections conflicting. He was tired as he came up for his foils bouts. Thus "Cap" only managed to win two out of five and failed to qualify. Bech on the other hand was on beautiful form and easily fought his way through. When he came up for his semi-final bouts, however, the strain was too much and he did not make the finals.

Only successful Tech man in the foils section was Sherburne, who made his way through preliminaries and semifinals to participate in the final.

In the team section of the championships, which is a competition run on paper based on the individual results, the Engineers bested C. C. N. Y., Harvard, Yale, and Princeton.

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# CALENDAR

## TUESDAY, APRIL 2

8:00 A.M. Senior Week Committee, Breakfast Meeting—Silver Room, Walker.  
7:00 P.M. Radio Society Meeting—Room 7-006.

## WEDNESDAY, APRIL 3

5:00 P.M. A. I. Ch. E. Meeting—Room 2-132.  
5:00 P.M. Outing Club Meeting—Room 1-390.  
6:00 P.M. Graduate House Dinner—Graduate House Dining Hall.  
7:15 P.M. N. Y. A. Debate—Room 2-190.  
7:30 P.M. Alpha Chi Sigma Smoker Meeting—Pritchett (North) Hall.  
8:00 P.M. Alpha Phi Omega Meeting—Faculty Dining Room.

## THURSDAY, APRIL 4

6:15 P.M. Tau Beta Pi Alumni Meeting—Faculty Dining Room.  
7:30 P.M. Student Tau Beta Pi Meeting—Pritchett (North) Hall.

## Activity Notes

### Cercle Francais

Le Cercle Francais of Technology will hold its next meeting at five o'clock today in Room 5-108. The program will consist of a talk by Mrs. G. B. Waterhouse, wife of Professor George B. Waterhouse of the department of Mining and Metallurgy. Mrs. Waterhouse will tell of her recent trip through India and will illustrate her talk with slides.

### Civil Engineers

Mr. William H. Meuser, a construction engineer from New York, will be the speaker at the A. S. C. E. meeting tonight. The meeting is scheduled for 6:00 P.M. in Pritchett Hall. The speaker will discuss the construction of the George Washington and Oakland Bay Bridges. He is planning to illustrate his talk with slides.

### Radio Society

The M.I.T. Radio Society will have another meeting tonight at 8 P.M. in Room 7-006. The committee in charge has secured Major Kirke B. Lawton of the Military Science department as the speaker for the evening. The meeting is open to everyone interested.

### Mathematics Society

Mr. H. D. Locke, Director of Research of the Liberty Mutual Insurance Company, will be the principal speaker at the meeting of the Mathematical Society on April 3 at 7:30 P.M. in the Emma Rogers Room. He will speak on "Data and Methods of the Calculation of Automobile Insurance Rates." Refreshments will be served after the talk.

### Alpha Phi Omega

Plans conducting the Boston Citizenship Rededication demonstration will be discussed at a counsel fire and meeting of the Alpha Phi Omega, honorary scouting fraternity, in the Faculty Dining Room, Wednesday, April 3 at 8:00 P.M.

Amusement for the meeting will be provided by the new pledges of the fraternity who will sing the Alpha Phi Omega song to the older members.

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## Education—89.47 Years

(Continued from Page 1)

### Crew Authority Optimistic

According to a noted crew authority, the previous spring would have seen the 356th Tech victory over a Harvard shell. The above report, however, is subject to censorship at the source and there is good reason to believe that the prediction may not be entirely unbiased.

In view of the present conditions, it is reasonable to doubt the courses offered in the future would be restricted to those now available. The number of courses at the Institute seems to vary proportionally to the fourth power of the age of the Institute. The proof of this theorem is beyond the scope of this article.

## Burr, Sussman To Debate On American Youth Act

The room for the William Sussman, '40—John G. Burr, Jr., '40, debate on the N.Y.A. and American Youth Act scheduled for tomorrow evening at 7:15 has been changed to Room 2-190.

The debate was precipitated by an exchange of letters published in the Reader Speaks column of The Tech. At the close of the debate, the participants will answer each other's questions as well as questions from the audience.

## Crew Races

(Continued from Page 3)

May 4—Princeton Harvard—Lake Carnegie.  
May 11—Yale, Syracuse — Derby, Conn.

The varsity 150-lb. crew will row the same schedule plus the American Henley event which will take place on the Charles May 18 with eight clubs entered.

The freshman and jayvees lightweights will also have races during the day. Other races for the freshman lightweights include a race with Tabor on May 11 and races with Harvard and Browne and Nichols. The second freshman boat will also meet Tabor on the 11th.

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