

VARSITY CREW WINS FROM HEAVIER NAVY EIGHT AT ANNAPOLIS

SUPERIOR ROWING WINS FIRST NAVY RACE IN HISTORY

Coach Haines is Pleased With Showing Made by Varsity in Brainy Race

MEET TIGERS SATURDAY

"Brains and not beef won the race for Technology," said Coach Bill Haines after the crushing defeat of the Navy crew by the Cardinal and Gray oarsmen on the Severn last Saturday. The Navy crew averaged nine pounds heavier than their opponents, their average weight being 185 pounds to the 176 pound average of the Engineer eight.

Finishing a full three lengths ahead of the Navy eight, the Engineer oarsmen scored their first victory against the Navy in nine years. In answer to the decided victory, Coach Haines remarked, "It is going to put rowing on the map at Tech, and will do much toward promoting winning sports at the Institute."

Race Princeton Saturday

Saturday afternoon, the crew will meet one of the best crews in the East when they row against the Princeton oarsmen. Last year the Princeton eight lost the World's Championship to California by a very narrow margin, a fact which makes them favorites to win the coming race. The personnel of the Princeton crew is practically the same as the Championship eight of last year, and

(Continued on Page 3)

Integrgraph To Be Topic At Seminar

Origin and Theory of Mechanical Integrating Device Will be Explained

The Integrgraph, mechanical integrating machine created by the Research Division of the Electrical Engineering Department, will be the subject of discussion at the meeting of the Electrical Engineering Seminar tomorrow at 3 o'clock in Room 10-275. Due to the general interest in the topic this Seminar meeting will be open to all and the discussion can be understood by anyone with a knowledge of calculus. This gives a splendid opportunity for undergraduates to become acquainted with a development for which the Institute has become famous throughout the world.

The first model of a mechanical integrating device utilizing the watt-hour meter was designed at the Institute in 1925 for the purpose of solving complicated equations encountered in the study of transient voltage phenomena and communication networks. This model has been improved until at the present time the device is flexible enough to handle all first and second order differential equations. The work is being continued and the operations of the Integrgraph are being extended to the solution of integral equations with variable parameters, a type of equation which arises in a great number of engineering fields such as aerodynamics, hydraulics, and electricity.

In Memoriam

Ryall L. White Jr., '30 of San Antonio, Texas, was drowned last Saturday afternoon, when the outboard motorboat which he was operating overturned near the Western Avenue Bridge on the Charles River. White was enrolled in Course 12 at the Institute. He was a member of Beta Theta Pi.

12 Trial Flights Made on Cape Cod By A.E.S. Glider

Best Flight is 550 Yards Long
Lasting One Minute and
45 Seconds

Twelve successful free flights, one crack up, and innumerable trips as a training ship is the record established by the Aeronautical Engineering Society's glider which was flown during the vacation at Wellfleet on Cape Cod.

The glider was towed from the Institute on a trailer and was set up Thursday and flown that afternoon. The first flights were test hops to determine the glider's stability. These were about 100 yards long and lasted from 12 to 15 seconds. The fourth flight was the longest. The ship took-off over the cliff and rose fifty feet, made a left turn and started up wind, circled about and went down along the face of the cliff, turned left and landed into the wind. This was a minute and forty-five seconds in duration.

Cracks on Fifth Flight

With the fifth flight came disaster. The glider took-off without sufficient altitude to clear the edge of the cliff. Benjamin S. Kelsey '28 who was piloting, swung it about across wind. The left wing struck the ground, the glider nosed over and landed upside down, breaking the ribs, an aileron, rudder bar, and rudder tip. The next day it was repaired and made three more successful flights.

Saturday morning Kelsey again made three short flights and then two long ones over the cliff. Then he instructed the members in glider flying. A number of flights were then made by the society members on Sunday morning. Those making the expedition to the Cape were: Kelsey, Paul S. Baker, '29; James C. Reddig, '29; Arthur T. Newell '31; Ralph H. Draut '30; Frederick M. Thomas; Mrs. Frederick M. Thomas; William D. Harrison, unc.; Robert W. Case '29; Daniel C. Sayre '25; Leo A. Marhart, unc.; Harry H. Hallas '32; and Edmund F. McLaughlin '32. While on the trip, the students stayed at Sayre's estate in Wellfleet.

SKIT CONTEST WON BY R. N. CHINDBLOM

"Subterfuge" Title of Winning Play For Open House

Richard N. Chindblom '30, won the first prize of ten dollars in the contest conducted by the Tech Show with his play "Subterfuge." "Interviewing the Dean" by Harold C. Pease '29, was awarded second prize, five dollars. Honorable mention was given to Adolph H. Feibel '32. Rehearsals have been started on the prize winning skits and also on the chorus numbers. The stage department of Tech Show is working on the construction of a stage in Walker Gymnasium.

The chorus numbers to be presented will be "Doin' the Racoon," "There's a Rainbow Round My Shoulder," and "Digga Digga Doo." These numbers will be given by the men who took part in this year's Show. The cast in the skit "Subterfuge" will consist of Almer H. Orr, Jr., '31, George B. Dennison Unc, and Chindblom. Marcel P. Aillery '31, William A. Kirkpatrick '32, and Chindblom constitute the cast of the second skit. The skits and dance numbers will be given at seven o'clock Saturday night as part of the activity presentations in connection with Open House.

Nominations for Class Officers Due Tomorrow

Nominations for all class officers for next year will be held all day today and until 1 o'clock tomorrow, and nomination papers must be in the hands of Ralph B. Atkinson '29 by that time. All men who wish to run for class officers are required to obtain the signatures of ten students before their nomination can become official. Class elections are to be held next Wednesday.

ONLY CENTERLESS GRINDER IN WORLD IS AT TECHNOLOGY

Machine and New Tool Steel Will
Be Shown to Students
and Visitors

CUTTER THREADS GLASS

A demonstration of centerless grinding will be given in the Department of Mechanical Engineering beginning tomorrow and continuing for several days. During the same time a new cutting tool, tungsten carbide, will be demonstrated. Both the demonstrations will be given for the visitors on Open House Day.

Only Machine of Its Kind

The centerless grinder, which is the only machine of its kind in the world, was made in Cincinnati and is now the property of the Institute. This machine represents a revolutionary improvement in present methods of producing work of circular form in cross section. In the past it has been customary to produce such pieces of work by the center grinding method, in which the work had to be especially prepared and held on the machine between centers during the grinding operation.

As distinguished from center type machines, the modern centerless grinder comprises a high speed grinding wheel and an opposed slowly moving regulating wheel, forming a grinding throat. A work rest suitably supports the work in this throat and the several parts are relatively adjustable for different sizes and varieties of work. The grinding wheel serves solely for grinding purposes, while the regulating wheel controls the speed of rotation of the work pieces as well as the feeding movement. Angular displacement of the regulating wheel makes it possible to vary the feed of work through the machine without changing the speed of rotation. In combination with a device which automatically brings the work to the rest, such as a hopper feed, grinding becomes automatic.

New Steel Costs \$500.00 A Pound

The new cutting tool that will be demonstrated is destined to change our ideas as to what materials are machineable and which are not, according to a statement by Professor Robert H. Smith. It is an alloy of tungsten, carbide, and cobalt. A tool made from this material and ground to an edge of about 90 degrees will cut a groove in an aluminum wheel. Although possessing extreme hardness, it exhibits a toughness sufficient to prevent chipping when subjected to considerable abuse. At the present time the metal sells for \$500.00 a pound.

The diamond is the hardest known substance with the sapphire next in order. This new alloy will scratch sapphire. It will cut threads in glass and will machine porcelain, manganese steel and many other materials which heretofore have been considered non-machineable or machineable only with difficulty. By actual performance it has been shown that it retains its hardness to a remarkable degree at bright heat. Highly abrasive materials such as bakelite and hard rubber have been machined with it at high speeds.

The remarkable properties and the behavior of this alloy of tungsten, carbide, and cobalt warrant further study for many additional applications which have received little or no attention at the present time. Its great value as a cutting material has been proved and, as a consequence, it will find wide application in machinery.

EXHIBITS COMPLETED AND ALL PLANS MADE FOR VISITOR'S DAY

Combined Clubs Present Spring Concert Friday

At Least Four Hours of Dancing
After Concert Assured
by Management

According to an announcement made by the management of the Combined Musical Clubs, tickets for the annual Spring Concert and Dance, to be held Friday evening in the Imperial Ballroom of the Hotel Statler, are rapidly being sold. Preparations for the event are practically completed and the Clubs feel confident that this year's concert will be more successful than any of its predecessors.

In order to allow more time for dancing, it has been decided to make the concert shorter than usual, each Club appearing only once. The concert will begin at 9 o'clock, and is expected to be finished in time to allow at least four hours for dancing before the affair ends at 3 o'clock. Music will be furnished by the Technicians as usual.

The specialty act of the evening will be "A Russian Spectacle" which will be featured by an elaborate display of costumes. The principals in this cast will be Mr. and Mrs. Boris Alexandre Berestneff, who will be assisted by a double quartet from the Glee Club. A novel musical instrument, the Troyka, will be introduced during this number. Mr. Berestneff has also written a new song for this occasion which is expected to become a tradition at Technology. The song will be introduced by the Glee Club during the evening.

Tickets for the affair will be on sale the remainder of this week. Dance programs are being given out with the tickets so that preliminary exchanges of dances may be arranged.

VOO DOO "GANGPLANK NUMBER" OUT TODAY

Adventures in Foreign Lands Are Feature Articles

Under a bright yellow, red and blue cover depicting a scene that may be enjoyed by any traveler in India is the "Gangplank Number" of Voo Doo which will be on sale today. Many and varied adventures of travellers in foreign countries constitute the greater part of the issue and furnish enjoyable reading material.

A short but rather complete account of a trip to Paris meets the eye of the reader followed by accounts of such things as shooting elephants and hunting the two-tailed chvrxax. The art work is better than formerly, especially the drawings representing scenes in different countries, and several full page pictures. An article telling where some of the Professors of the Institute intend to spend the summer serves to fill one page. On the whole the jokes and stories are the best that have appeared for a long time.

FACULTY CLUB HEARS DR. GEORGE WALLACE

Dr. George L. Wallace, Superintendent of the Wrentham State School for mentally defective children, was the speaker at a meeting of the Faculty Club held in the Faculty Club of Walker last Monday noon. Dr. Wallace's talk was the third of a series on Mental Health and Disease. The problem of such mental defectives is one of considerable magnitude, and Dr. Wallace believes that it should enlist the thoughtful interest of the public.

CAPACITY CROWDS EXPECTED AT OPEN HOUSE ON APRIL 27

Miniature Railroad Illustrating
Use of Block Signals
is Exhibit

"RUSH" HELD SAME DAY

All exhibits and plans for Open House Day, this Saturday, have been completed and everything is in readiness to receive the many visitors who are expected to come and see the Institute. A miniature railroad illustrating the use of block signals has been set up by students in the course in Railroad Operation and it is expected to be one of the feature exhibits.

The Technique Rush is scheduled for three o'clock on the athletic field, followed by a Band Concert and Guard Mount given by a picked company of the freshman R. O. T. C. Battalion. President Samuel W. Stratton will hold an informal reception in the Main Foyer from eight to nine o'clock and he will be assisted in receiving the guests by Professor Samuel C. Prescott, C. Brigham Allen, President of the Senior class, and other members of the faculty.

Athletic Events in Walker

From four until six o'clock athletic events consisting of wrestling, boxing, gymnastics, and fencing exhibits will take place in Walker Memorial. In the evening, Tech Show, the Combined Musical Clubs, and the Dramashop will entertain the guests. At four o'clock the crew will race Princeton on the Charles.

Announce Winner Of Song Contest

William T. Hedlund is Composer
of "The Forge", Chosen
as Best Entry

With the close of the fifth and last annual prize song contest comes the announcement that this year's award goes to William T. Hedlund '21, who will receive the prize of \$150 for his contribution, "The Forge".

These contests were started five years ago, the purpose being to secure a Technology song to replace the Stein Song, which many believe to be too general in character for use at any one school. The prize was originally 200 dollars, fifty dollars each being contributed by the Alumni Association, Tech Show, the Musical Clubs and THE TECH; but as Tech Show ended last season insolvent, the amount was reduced to 150 dollars this year.

The five songs which have been chosen in the yearly contests will appear in the new song book which is being published under the direction of Ralph T. Jope '28, and which is expected to be ready by Commencement this June. The final decision as to which song will supersede the Stein Song will be left to the choice of the students and alumni.

In Memoriam

Richard W. Langshaw, a former member of the class of 1932, was killed in an automobile accident at Taunton, Mass. last Sunday evening, while on his way back to school after the holiday. He was a resident of New Bedford, Mass., and was enrolled in Course X at the Institute until last January. Since then he has been attending Chauncy Hall. The accident occurred when the coupe which he was driving skidded on wet pavements and crashed into a pole.

A Record of Continuous News Service for 48 years.



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

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 Walker Memorial, Cambridge, Mass.
 News and Editorial—Room 3, Walker, Telephone Univ. 7029
 Business—Room 302, Walker, Telephone Univ. 7415

Printer's Telephone—HAncock 5060-1-2
 SUBSCRIPTION PRICE, \$2.50 PER YR.
 Published every Monday, Wednesday and Friday during the College year except during college vacations Entered as Second Class Matter at the Boston Post Office Member Eastern Intercollegiate Newspaper Association

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"THE OLD ORDER CHANGETH"

To Coach Haines, his Varsity and Junior Varsity crews, the managers and substitutes who made the trip to Annapolis, and those who stayed at home to practice for next Saturday's regatta, we extend our thanks. Not just for winning a race and losing one, nor for defeating the Navy Varsity, although the last was no small accomplishment, but for doing Technology a greater service than most of us will ever be able to do.

For many years, Technology's athletic teams have been composed for the greater part of good athletes and good losers, and, as such, have commanded respect and admiration. All too few have been the victorious teams. Only once in the past have we been represented by an undefeated crew. Consequently, the defeat of the Navy resulted in more favorable publicity on the sports pages of the nation than any other event within memory.

Since the old order seems to be on the verge of tottering, it may not be expecting too much to look forward to whole-hearted student support of crew and the other Spring sports. Last year there were signs of awakening interest, although most of us disapproved our interest in such matters pretty thoroughly. An editorial plea in THE TECH for the revival of such antiquated notions as personally thanking the individual crew members met with the old characteristic indifference. Now that the ice is broken, crew men may expect more than an occasional timid smile from their classmates.

TECHNOLOGY'S ANVIL CHORUS

MOST of us have a hearty dislike for the "Our Alma Mater Forever" type of school song. Almost instinctively we sneer at the mention of a college song—too much we are reminded of "Dear Old Siwash" and the kind of songs with which many institutions are afflicted. And yet, on the other hand, we all feel a thrill when a stirring chorus such as the "Anvil Chorus" from "Il Trovatore" is played.

Realizing only too well this student opinion, the Prize Song Committees of the past years have found their task difficult. They have succeeded in stirring up interest in the contests, and this last year particularly their efforts have been repaid. For with the song by William T. Hedlund '20, Technology has been the privileged recipient of a fine composition.

It is called "The Forge" and has none of the bad features which students disliked in other songs. Combining dignity and depth of feeling with a catchy harmony, it should prove immensely popular. In the opinion of the committee, it stood out in a class by itself among this year's entries, and they believe that when it is incorporated in the new song book which is to be published soon, Technology will verify their views.

It was some years ago that the then-existing boards of the Musical Clubs, Tech Show and THE TECH, as well as the Alumni Association, agreed to contribute fifty dollars apiece each year as a prize for a Technology Song. For incurring obligations for their successors, these men have been severely criticized. However, this new son should bring about complete exoneration, because without a doubt this one composition makes the whole plan fully worthwhile.

POOR MODERNS

AN automobile is never so appreciated as the day after a long hike. A newspaper is never so welcomed as after a month's isolation. The ten-tube radio set is never again as clear as it is the first night after the crystal set is traded in.

It is contrast then, that deepens pleasure; and contrasts are becoming less and less sharply drawn. As marvelous inventions become daily routine, they become as matter of fact a part of living as shoes or hats. Once having a telephone there is not much difference in telephoning twenty miles or two thousand; and once having an automobile there is not so much difference between a four and an eight-cylinder. The improvements in nearly every case represent as great an effort as was expended on the original invention, but the public is unable to give the admiring and deep-felt appreciation which it accorded the originals. The first inventions as a rule actually relieved some physical hardship. Those that follow cannot of course repeat something already done, no matter how vastly they are beneficial.

Like all excesses, an excess of marvelous inventions can dull the senses—the sense of appreciation. "Poor Moderns" we are, for more and more is being handed to us—and less and less are we enjoying our privileges.

NOT SO BAD
 Oberlin College has abolished the six letter grading system. Hereafter students at this college will either "pass" or "fail" and they'll never know whether it was a pass by a "D" or an "A."

New Orleans, La.—An athletic diploma will be given to those graduating students who have won varsity sport letters, at Tulane university, if

the plans of the undergraduate club of letter men materialize. A committee of students has been appointed to confer with the athletic council of the university to bring about such a move.

THEY COME BY DEGREES
 President Hoover is credited with twenty-six college degrees. This is nine more than is credited to any other person listed in the American "Who's Who."

Now Finds Sad World Young Again

DREAMS THAT COME TRUE
 I am sitting alone in my room tonight, Dreaming and smoking my old cob pipe; I smoke and dream, and dream until I get a plot, and get a thrill. I am in the writing game, you see; And the pipe-dreams softly bring to me Scenes of carnage where the red blood ran, And the dreams all come from a bright Blue can. It's just a can of Edgeworth-cut—Fragrant as flowers—sweet as a nut; Of all Fate's kindly gifts to man Is this gift of dreams from the bright Blue can. I sit me down at eve, to smoke; And soon am wrapped in a magic cloak; It has banished trouble, it has banished pain, And the sad old world is young again. J. H. Rockwell Midland, Michigan.

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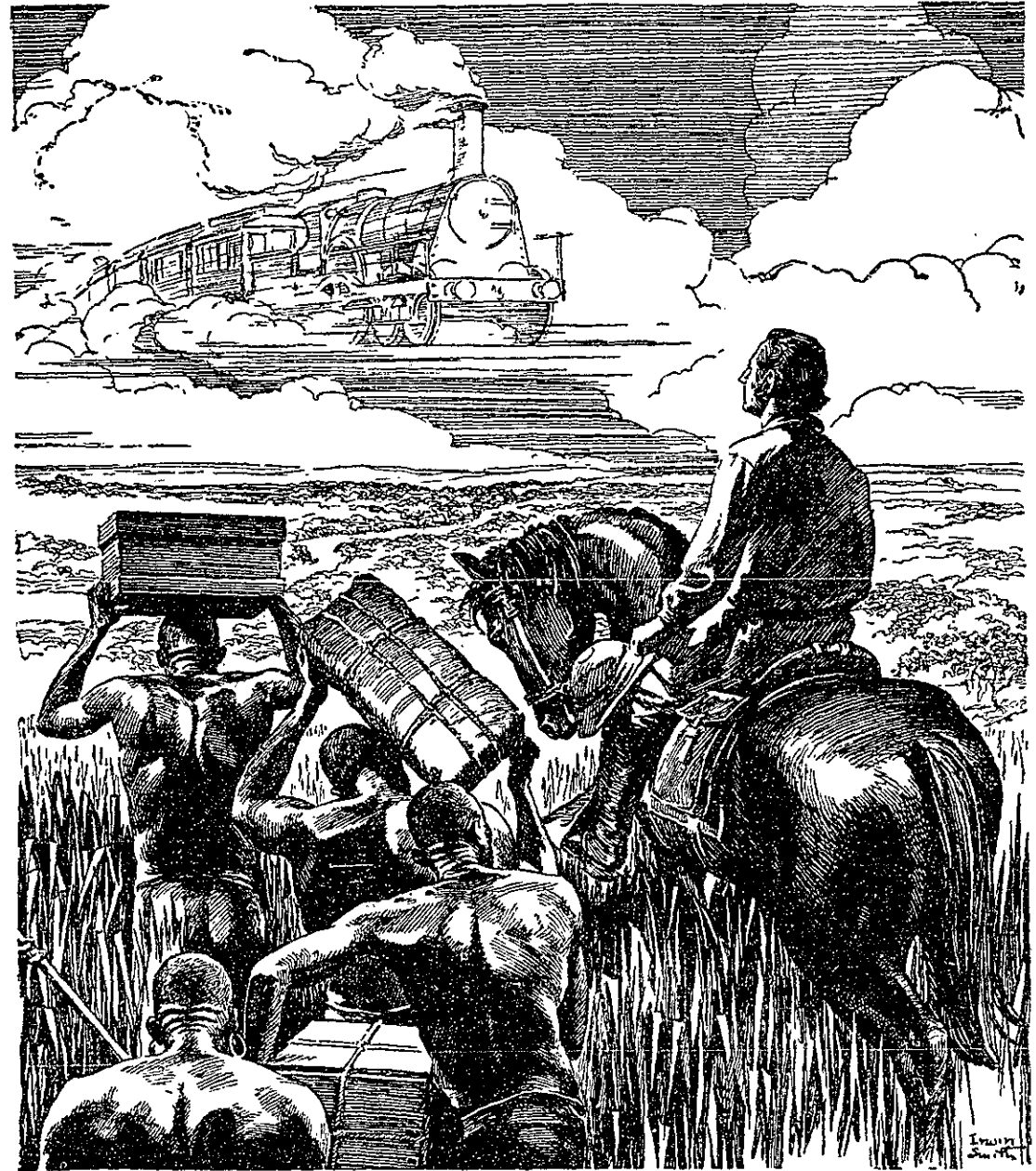
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CREW MEETS TIGERS SATURDAY

GYM TEAM TAKES THREE FIRSTS IN DARTMOUTH MEET

Wells Wins Third Championship—Fairchild and Reynolds Take Two Events

DARTMOUTH WINS MEET

Last Saturday afternoon the Technology gym team journeyed to Dartmouth to take part in the Junior championships of the New England Intercollegiate Gymnastic League. Only three colleges were represented in the meet, the other two being Dartmouth and Springfield. The Technology gymnasts took three first places, and Dartmouth took three, making the final score of the meet, Dartmouth, 32; M.I.T., 26; Springfield, 8.

Wells Wins High Bar
On the high bar Wells again took first place to give him his third championship. He also holds the Eastern Intercollegiate and the New England Amateur championships in this event. In this meet he also took fourth place on the flying rings. Platt of Technology also scored in the high bar taking fourth place.

Fairchild took first place on the side horse by a safe margin in scoring. His work was far above par, and excited quite a little comment among the spectators of the meet. Knapp took third place in this event for Technology and Moore fifth. Moore fell off the horse on his last series and was thus put out of the running for the first place.

Reynolds Adds M.I.T. Points
On the parallel bars Reynolds was the only Engineer entered, and he took third place, losing out to Zey and Stewart of Dartmouth. On the

Crew Will Meet Fast Opponents From Princeton

Tigers' Crew Ranking Among Best in the East—Hard Race Expected

(Continued from page 1)
the race will be one of the hardest of the season. "Although I have a good crew this year, I think the Princeton race will be the hardest of the season", remarked the famous Coach when asked about the coming event.

Princeton Arrives Friday
Arriving Friday morning, the Princeton crew will be taken to the boat house, where they will work out on the Charles before dinner. After an afternoon workout both crews will rest for the race the next day. The first race will be between the 150 pound crews at four o'clock, over the new two mile course which has been laid out for this season's races. At 4:30, the J. V.'s will race over the same course, and at five the Varsity will meet Princeton for the final event in the dual meet.

Bad Day for J. V.'s
"Although the J. V.'s lost by three lengths, I believe it happened to be one of the crew's off days, and I am quite prepared to see them row a different race next Saturday", said Bill Haines when asked about the defeat of the light eight by the Navy. To prove his point, Coach Haines stated that he had seen them row in much better time, and feels confident that they will give the light Princeton crew a hard race this Saturday on the Charles.

When the Oregon Emerald abolished its editorial columns, such a storm of undergraduate protest was aroused that they were promptly restored.

For College Parties

—small or large, The Modernistic Ballroom, for 300 guests. The Sun Room—accommodates 100. The Jewel Room—for 50 to 75, may be opened into the EGYPTIAN ROOM for dancing to Leo Reisman's music.

Call or write
Hotel BRUNSWICK
for particulars

rings, however, he turned the tables and took first place while Zey took second. Wells who won fourth place was the only other Technology man entered.

In tumbling, Dolloff took third place, losing to Gould of Dartmouth and Jones of Springfield. At the close of this event the meet was in question as to who would win between Dartmouth and Technology. The score stood Dartmouth, 24; Technology, 23. The rope climb was the last event to be held and Dartmouth took the first two places, giving them the meet. Fairchild and Reynolds took third and fourth places respectively for Technology.

A summary of the meet follows:
High Bar.—1st Wells (M.I.T.), 531.

2nd Yauch (Spring.), 486. 3rd Frieck (Dart.), 463. 4th Platt (M.I.T.), 406. Side Horse.—1st Fairchild (M.I.T.), 518. 2nd Owen (Dart.), 440. 3rd Knapp (M.I.T.), 438. 4th McGregor (Spring.), 394.

Parallels.—1st Zey (Dart.), 518. 2nd Stewart (Dart.), 517. 3rd Reynolds (M.I.T.), 493. 4th Yauch (Spring.), 484.

Rings.—1st Reynolds (M.I.T.), 528. 2nd Zey (Dart.), 523. 3rd Fink (Dart.), 483. 4th Wells (M.I.T.), 464.

Tumbling.—1st Gould (Dart.), 514. 2nd Jones (Spring.), 458. 3rd Dolloff (M.I.T.), 443. 4th Ewing (Dart.), 438.

Rope Climb.—1st Zey (Dart.), 71-5s. 2nd Russell (Dart.) 72-5s. 3rd Fairchild (M.I.T.), 82-5s. 4th Reynolds (M.I.T.), 83-5s.

TRACK NOTICE

On Saturday afternoon there will be a competition on the Institute track to determine the men who will take the trip to Cornell on May 4. The regular schedule of meet events will be adhered to, and all Varsity men hoping to make the trip must report for the competition.

BASEBALL

A general mass meeting for all interested in baseball will be held in Room 4-156 at 4 o'clock on Thursday.

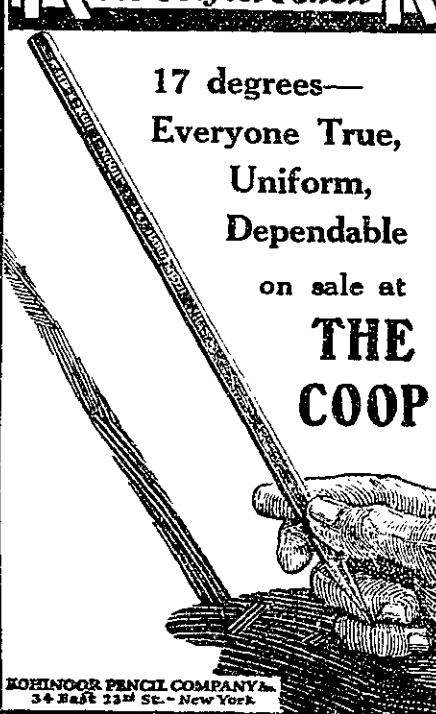
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NOTICES and ANNOUNCEMENTS

Of General Interest

Liquid Crystals Prof. L. S. Ornstein
Thursday, April 25, 4 P.M., Room 4-231

Dielectric Loss in Transformer Oils Prof. L. S. Ornstein
Friday, April 26, 4 P.M., Room 4-231

The topics of two of the lectures which Professor L. S. Ornstein, Director of the Physical Laboratory at the University of Utrecht, will deliver will be "Liquid Crystals" and "Dielectric Loss in Transformer Oils." The lectures are open to students and members of the instructing staff.

Office Appliance Exhibit Room 1-245
Friday, April 26, 9 A.M. to 5 P.M.

This exhibit is under the auspices of the Department of Engineering Administration. Students and members of the instructing staff are cordially invited to inspect this equipment which represents a majority of the latest types of machines used in modern offices.

Calendar

- Wednesday, April 24
6:00—Civil Engineering Society Supper Meeting, North Hall, Walker.
- Thursday, April 25
5:00—Banjo Club Meeting, East Lounge, Walker.
5:00—Glee Club Meeting, Room 10-250.
7:30—Tech Show Rehearsal, North Hall, Walker.
- Friday, April 26
8:15—Combined Musical Clubs Spring Concert, Hotel Statler.
Varsity Tennis Team vs. Amherst at Amherst.
- Saturday, April 27
Open House Day.

UNDERGRADUATES NOTICES

CALUMET CLUB MEETING

There will be a meeting of the Calumet Club tonight at 8 o'clock at 37 Bay State Road. All members are requested to be present.

Classes in Bacteriology and Municipal Sanitation will visit the Walter Gordon dairy farm at Needham on Friday afternoon. Students are to meet in Room 10-419 at 2 o'clock.

TECH SHOW REHEARSAL

There will be a rehearsal of the chorus for the Open House program in the Gym of Walker Thursday night at 7:30. It is imperative that all the members be present and on time. The cast of the skits to be presented Open House night will meet in the Gym at Walker at 7:30 Thursday night for a rehearsal. There will also be a Dress rehearsal at the same place Friday evening at 7:30.

Statement of Ownership

Statement of the Ownership, Management, Circulation, etc. Required by the Act of Congress of August 24, 1912.

of THE TECH, published tri-weekly except college vacations at Cambridge, Mass., for April 1, 1929. State of Massachusetts, County of Middlesex.

Before me, Notary Public in and for the State and county aforesaid, personally appeared Gregory Smith, who, having been duly sworn according to law, deposes and says that he is the Business Manager of THE TECH and that the following is, to the best of his knowledge and belief, a true statement of the ownership, and management of the aforesaid publication for the date shown in the above caption, required by the Act of August 24, 1912 embodied in Section 443, Postal Laws and Regulations, printed on the reverse of this form, to wit:

1. That the names and addresses of the General Manager, Editor, Managing Editor and Business Managers are: General Manager, D. T. Touston; Editor, W. F. Howard; Managing Editor, C. Connally; Business Manager, Gregory Smith, all of Cambridge, Mass.

All equipment owned by THE TECH TRUST FUND, Cambridge, Mass., and rented by the Current Volume.

Officers: Mr. H. E. Lohdell, M. I. T., Cambridge, Mass.; Mr. Winward Prescott, M. I. T., Cambridge, Mass.; Mr. H. D. Peck, 99 State St., Boston, Mass.

3. That the above bondholders, mortgagees, and other security holders owning or holding 1 per cent or more of total amount of bonds, mortgages, or other securities are: None.

4. That the two paragraphs, next above, giving the names of the owners, stockholders, and security holders contain not only the list of stockholders and security holders as they appear upon the books of the company but also, in cases where the stockholder or security holder appears upon the books of the company as trustee or in any other fiduciary relation, the name of the person or corporation for whom such trustee is acting, is given; also that the said two paragraphs contain statements and embracing affiant's full knowledge and belief as to the circumstances and conditions under which stockholders and security holders who do not appear upon the books of the company as trustee, hold stock and securities in a capacity other than that of a bona fide owner; and this affiant has no reason to believe that any other person, association, or corporation has any interest direct or indirect in the said stock, bonds, or other securities than as so stated by him.

5. That the average number of copies of each of this publication sold or distributed through the mails or otherwise, to paid subscribers during the six months preceding the date shown above is—(This information is required from the daily publications only.)

Gregory Smith, Business Manager.
Sworn to and subscribed before me this 16th day of April, 1929.
William Jackson, Notary Public. (My commission expires October 31, 1935.)

ACCEPT BOLANOS AS CAPTAIN OF BOXING

At a meeting of the Executive Committee of the M. I. T. A. A. held last Monday, the re-election of John J. Bolanos '30, as captain of the Boxing team for next year was accepted. Bolanos was elected at a dinner held by the boxing team on April 11.

Provisional recognition by the Executive Committee was given to the lacrosse team and to the squash team. The committee recommended to the Executive Committee that Thomas F. Mac Laren '30 be awarded the "gT" for his work as manager of the gym team for the past season.

Anton A. Fruckner '31 was appointed supervising manager of baseball and Gerald M. Davis '32 was recommended for class numerals as a member of the freshman boxing team.

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so before next Saturday noon as the campaign will close at that time. The committee wished to close the drive before spring recess but due to the fact that they felt that some men might change their minds over vacation, it was decided to continue until Saturday.

All examinations must be completed this week if they are to be taken at the Institute as no doctor will be in attendance after the drive closes. Appointments for these examinations should be made as soon as possible. Many who have already taken insurance have failed to secure their policies and these can be obtained by applying to Room 3-213.

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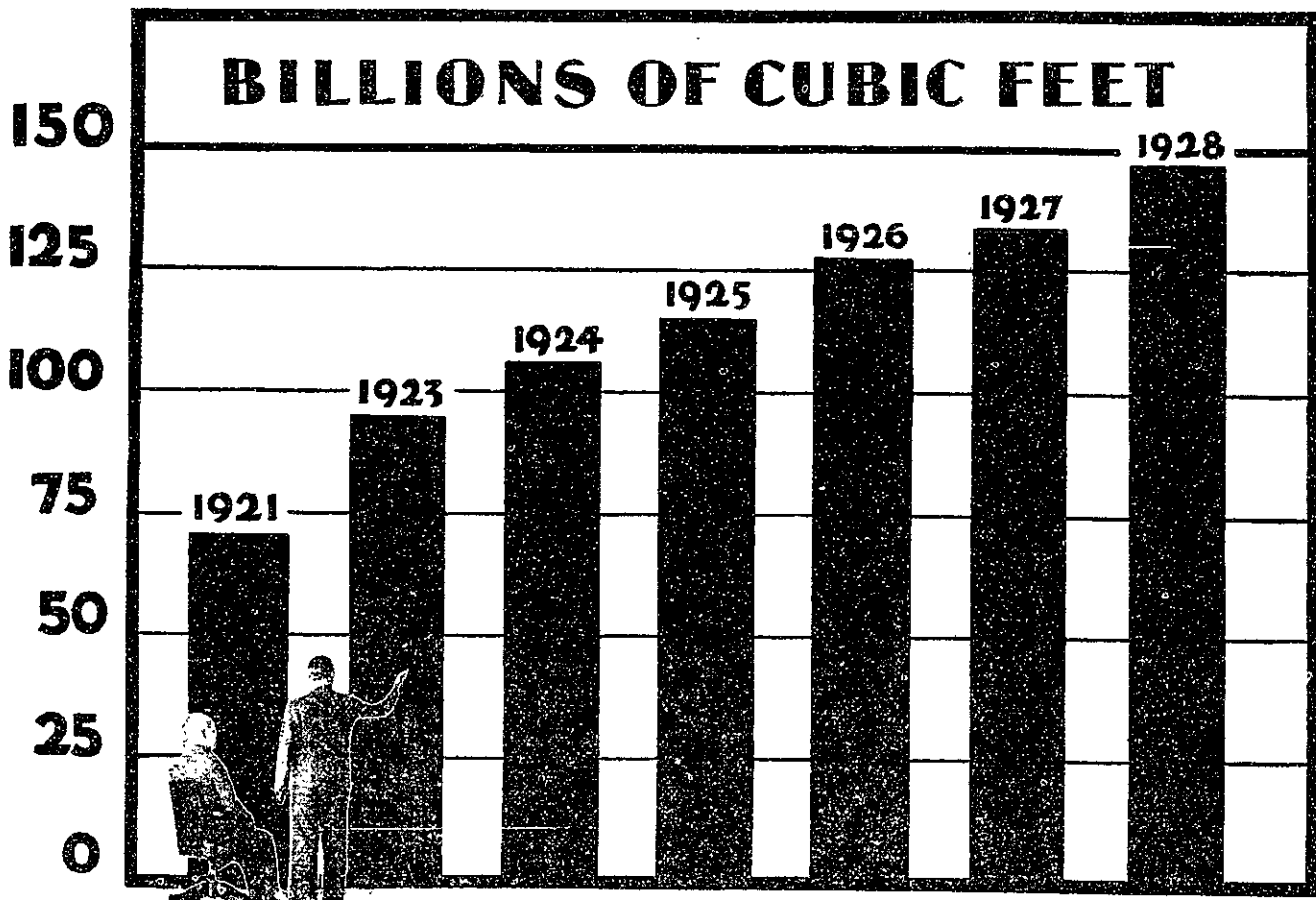
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