**Ratings by Course of Class of 1934**

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<th>Course</th>
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**MATTHEWS SAYS CHORUS WILL BE FANCY STEPPERS**

**Use Oleic Acid in Steam Condensing**

T. E. Drew and W. M. Nagle find important new process for using oleic acid.

What is believed to be the first practical method of hastening the process of condensation in steam boilers, thus greatly increasing the process of great importance in power stations, is now coming into practice. The process was discovered by Thomas T. Drew and Wesley H. Nangle of the department of chemical engineering at the Massachusetts Institute of Technology. It was announced on December 13. The process involves the addition of oleic acid, found in many soaps, as a coating for the surfaces of condensers. The use of oleic acid causes a film to form on the inner wall of the condenser, thus increasing the rate of condensation by up to 20%.

**Society of Arts Presents Lecture on Water Powers**

Kenneth C. Reynolds, professor of hydraulic engineering, will speak on "Flow of Water" at 8 o'clock tonight in the Combined Profesional Society. Seats will be available in the Grill Room, 6-120.

**Society of Arts Invites African Ballet Feature Will Tonight**

The combined professional society of the Massachusetts Institute of Technology will present the African Ballet Society of the New York YWCA at 8.15 o'clock tonight in the Grill Room, 6-120. The group consists of 16 girls and will be in costume tonight. The group, which consists of a church group, will be under the direction of Mrs. Albert B. Lofthouse, a former MIT graduate.

**Unhallucinated**

There is no coherent passage of text to hallucinate from the provided image.
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RIPLEY PRESENTS HUMAN ODITIES

Twenty-five Human Freaks Now Appearing in Odditorium

No. Finite Limit

Larger club may have passed the mark, but the Tech's editor feels that the best type of enthusiasm is expressed in its pages. The little reader's delirium. We call it enthusiasm.

How wise to think that stars

Revolve in orbits mathematical.

The next year the club died out, dazzled by its own brilliance.

THERE is a certain group at Technology which has the quaint desire to have a debate society. Several times in the past, they have started societies to give one a facile tongue and acquaints one with the customs and the arguments of the upperclassmen to the lowerclassmen to join, we wonder why only freshmen appear.

The greatest good for the greatest number.

In the interest of the commissaries the Institute has found it necessary to provide a place for the men to eat at noon time, the use of the room is through the connection between the basement and the rest of the undergraduate body. It is felt that the commissaries are not proportionately represented in the undergraduate population and that the limited contacts of those who live away from the Institute.

Since the pool and billiard room was well patronized, there doubtlessly will occur many new objections to the arrangements. It is unfortunate that it should be necessary for the interests of one group to be given preference to those of another, but the necessity arises from the crowded conditions in Walker. Under the present system only those activities which benefit the greatest number of students can be obtained, but the demands of a large group must necessarily be given preference to those of a smaller group.

The Walker Memorial recently removed one of the remaining handball courts to make room for a new office for Techniques and the Tech Show on the grounds that they were occupying a greatness space. It is becoming increasingly evident that the space in Walker is not sufficient to accommodate the student's wants and that the space will be the next to go.

The remaining facilities are supplied by the Institute building which will be entirely occupied by offices. For those who are not completely addicted to " turnover" or "peformance" and who have learned to read and express themselves clearly.

In many cases, the debaters are able to express themselves attractively and with a certain amount of humor, which is a great asset in the Debating Union.

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A PRESENT FROM YOUR MOTHER

TECHNOLOGY BRANCH, H. C.

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IT PAYS YOU A DIVIDEND

OPEN FORUM

To the Editor of Tech:

Having just returned from a Harvard-Tech hockey game last Saturday night, I must say it was due to the fine showing by the Tech team and the large number of students who came to cheer on our team. Support is an important factor in scoring a team to victory. I have always been a big fan of the Tech team and I think the only reason we lost was our inferiority complex.

After the show was over, the audience went wild with excitement.

I would like to know if any floodlights used by the Tech are planned to be installed for the next season. Support is an important factor in scoring a team to victory. I have always been a big fan of the Tech team and I think the only reason we lost was our inferiority complex.

I would like to know if any floodlights used by the Tech are planned to be installed for the next season.

D. H. KNOX

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January 19, 1933

Friday, December 15, 1932

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P. G. Herkart, '35 ............ Features Editor
W. R. Churchill, '34 ........ General Manager
C. W. Finnigan, '34 W. H. Wood, '34
Basketball Team Wins First Game by Close Margin

Alumni Lead for Most of Game But Lose by 8 Points in the Last Quarter

O'BRIEN LEADS SCORING

In a close and well-fought game recently between Harvard and Technology, the alumni basketball team defeated the Alumni 40-35 last night in the Harvard gym. Captain O'Brien of the victory was the high scorer of the evening, accounting for seventeen of the varsity's points, while Fred O'Brien, '32, led the Alumni with twelve.

At the very beginning of the game O'Brien showed that he intended to score heavily by taking the tap-off from Hob Sams and driving straight for the basket. From then on the game was close, and the Alumni were ahead by two points at the half. Nevertheless, the Engineers were able to keep up until the end and were ahead by five points.

The victory was at the expense of the Jayvee team, and the lack of any other substitute seemed to have had a telling effect in the last part of the contest. Then they went into a fast-breaking game of their own design which took their opponents by surprise.

Hangar Gym. Captain O'Brien of the A. A. Council decided that the Alumni games are scheduled for eight o'clock in the evening, instead of at the Harvard Gym. This decision was made to accommodate the University Club members, who compose the Alumni basketball team. The meeting was called to determine the date for the first meet with the Jayvee team, there will be no varsity for the first time, the others will use the team at the University Club as the varsity.

VARSITY SWIMMERS MEET BOWDoin in Opener Tomorrow

Freshmen Begin Season at Same Time Against Harvard Yearling Squad

LINE-UPS ANNOUNCED

With the varsity meeting the Bowdoin team, and the yearlings traveling to Harvard tomorrow, the swimming teams will be kept busy. Of course, the varsity will have the advantage of the home front, and the yearlings will have the chance of meeting a new team. However, the Manly team will have the advantage of the home front. The yearlings will have the chance of meeting a new team. However, the Manly team will have the advantage of the home front. The yearlings will have the chance of meeting a new team. However, the Manly team will have the advantage of the home front. The yearlings will have the chance of meeting a new team. However, the Manly team will have the advantage of the home front. The yearlings will have the chance of meeting a new team. However, the Manly team will have the advantage of the home front. The yearlings will have the chance of meeting a new team. However, the Manly team will have the advantage of the home front. 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Friday, December 15

5:00—Placement Lecture, Room 8-250.
6:30—Boston Section of Institute of Radio Engineers' Informal Dinner, Grill Room, Walker Memorial.
8:30—Institute of Radio Engineers' Meeting, Room 8-130.
8:00—Swimming: Technology versus Harvard, University Club Pool.
8:00—Boxing: Technology versus Harvard, Hangar Gym.
8:00—Institute of Radio Engineers' Meeting, Room 6-120.
6:30—Boston Section of Institute of Radio Engineers' Informal Dinner, 3:00—Placement Lecture, Room 5-330.

Saturday, December 16

2:00—Arbitration Rehearsal, North Hall, Walker Memorial.
3:00—Swimming: Technology versus Bowdoin, University Club Pool.

Sunday, December 17

4:00—Society of Arts Popular Science Lecture, Room 10-250.

Monday, December 18

5:00—Dine Dinner Club Dinner, Grill Room, Walker Memorial.
6:30—Swimming: Technology versus Bowdoin, University Club Pool.

Tuesday, December 19

5:00—Banjo Club Rehearsal, East Lounge, Walker Memorial.
5:00—Associated General Contractors of America Dinner, Faculty Dining Room, Walker Memorial.
6:30—Borate Dinner Club Dinner, Grill Room, Walker Memorial.
7:00—Tech Show Rehearsal, Walker Gym.
7:30—Graduate Band Banquet, East Lounge, Walker Memorial.
7:15—Sigma Chi Fraternity Basketball Practice, Hangar Gym.

HARVARD VICTORIOUS, 4-1, OVER BEAVER SIX

(Continued from Page 1)

Millikan had successfully turned aside several hard shots by the Crimson. When Miller faced the free shot from the left center, he faced the right side of the net, and made a break through the Engineer defense. The puck hit the net for the goal.

Despite this score, Captain Millikan had nearly three times as many saves as Dadey in this period, making several point blank saves after Ralston had counted.

Goodwin Scores for Tech

Sark Goodwin scored Technology's only goal of the game midway in the first period. He picked up a loose puck in front of the Crimson net, carried it in, and then suddenly shot it by the goalie. Thereafter the Defense men, if both teams, checking hard, broke up most of their opponents' attacks until the period ended, preventing any further scoring.

ALPHA CHI SIGMA TO INITIATE MEN

Honorary Chemical Society to Hold Initiation and Banquet

Alpha Chi Sigma, the honorary chemical society, will hold its formal initiation and banquet at the Alumni Club on Thursday, December 14th. The initiates will be Alpha Chi Sigma, the honorary chemical society, will hold its formal initiation and banquet at the Alumni Club on Thursday, December 14th. The initiates will be initiated informally at a meeting Wednesday. The judges are: Frederick R. Richardson, U. R., Henry A. Wence, Jr., Brooks K. Morgan, Jr.; James W. Libby, Jr., '32; Henry G. Requiem, '32; and Harold E. Thayer, '35.

I'm afraid my play-writing efforts have been terribly misunderstood.

—Max Wertheimer

IT TAKES HEALTHY NERVES FOR JAFFEE TO BE THE WORLD'S CHAMPION SKATER

IRVING JAFFEE

(At Right) — Again Jaffee makes a thrilling finish as he speeds to victory. Winner of Los Angeles and national championships, including three Olympic Skating Championships, Jaffee has brought the highest skating honors to the U.S.A. Asked recently if he was a steady smoker, Jaffee said: "Yes—just that goes for Canhels only. I have to keep my mind, you know, and healthy nerves!"

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The World's Champion Skater. You've often seen his name and picture in the papers—Jaffee, the city-bred boy from the U. S. A. who beat the best that Europe had to offer, and became the skating champion of the world! Speaking of speed skating and cigarettes, Jaffee says: "It takes healthy nerves and plenty of wind to be an Olympic skating champion. I find that Camels, because of their costlier tobacco, are mild and likable in taste. And, what is even more important to a champion athlete, they never upset the nerves."

Steady Smokers turn to Camels.

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Graduate House Holds Last Tea

 Invite Many Prominent Members of Administration and Faculty

Dr. Avery A. Ashdown and his graduate house committee have plans for the last tea of the year. The last tea to be held by the graduate house this year. A large number of prominent members of the faculty and admissions have been invited to attend. In addition, many of the house residents will take advantage of the time to invite friends to inspect the new graduate house.

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GEORGE HOSPITAL

Harold V. Smith, G

FRANKLIN:

Dr. Avery A. Ashdown, Dean

Research Associate

Edward R. Schwarz, Professor of Textile Engineering, on January 14; "Hand and Sleeve" by Philip McC. Mene, Professor of Physics, on February 11; and "Oil, the Black Gold of the Twentieth Century" by Edward R. Schwarz, Professor of Petroleum Engineering, on March 11.

There will be a banquet at 6:30. Professor Frederick K. Miller will speak on the topic, "Are the生活在材料科学和化学领域的" (Continued from Page 1)