Pi Tau Sigma Adds 17 M.E. Students To Its Honor Roll

In its first full meeting, the new Pi Tau Sigma chapter, dedicated in engineering honors, inducted 17 members the last Sunday afternoon in the institute. The meeting was called to order by President Herbert G. Johnson "58, and a motion was made that the president lead off the meeting by discussing the following topics: "Introduction of New Members, election of officers, and a motion to change the present organization of the club to a more informal basis." The motion was carried by a show of hands, and the meeting adjourned.

Pi Tau Sigma is the national engineering honorary society founded in 1893, with chapters on most of the major engineering campuses in the country. Its purpose is to encourage the highest type of achievement in engineering, and to recognize those who have distinguished themselves in the field. The MIT chapter was founded in 1954, and has continued to grow in membership and activity. It now has over 200 members, and is one of the largest chapters in the country.

The meeting was attended by the following officers: President, Herbert G. Johnson "58; Vice President, William F. Zeiders, Jr. "59; Secretary, James M. Parente "59; Treasurer, Robert F. Parente "59; and Librarian, Eberhard B. Weber "58. The meeting was adjourned at 6:00 p.m., and the members retired to their rooms to rest and prepare for the next day's activities.

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The Hearings

To the innocent, newspaper-informed citizen, the U. S. House Committee on Un-American Activities is a name that conjures up visions of some sinister and complex body that takes the stench out of every political issue. This Committee is a perversion of democracy, an instrument of the state, which is no more.'—Daniel Boorstin

But for those attending the hearings a rather different impression has been created. Legislators of all descriptions paraded through the witness box; most were manual workers, labor organizers, teachers, or union organizers. Little information which might be pertinent either to something further links in the "conspiracy" or to drafting anti-subversion legislation (which is the Committee's stated purpose) was obtained.

Staff director Aron not only carried out his function as chief interrogator for the Committee but distributed to the press, as a good will gesture, numerous government pamphlets under such titles as: "Official Abolition—The Campaign Against the House Committee on Un-American Activities and Communist Political Subversion—The Campaign To Destroy The Secrecy Programs Of The United States Navy." We should be referred to know that we have our own propagandist mill.

The performances of Committee members Doyle, Moul- det, and Kearney were not very mounting. One (found it difficult to doubt the sincerity of investigative efforts, though some have asserted they are after exposure for exposure sake.) The Congressmen repeatedly put the most naive queries. Would you rather have the Russian or our present form of government in this country? When you entered the service, could you take the oath of allegiance? Such questions betray a lack of understanding of the real problems involved. It must be remembered, though, that the investigation is of others. durchout witnesses, clutched at straws out of sheer desperation.

Armando Penha stood out as the chief actor in last week's dramatica. In a voice loud that his microphone had to be moved to an army length, Mr. Penha re- lated his activities as latter-day Herbert Philbrick. Thun- dering unassumingly assertions and frequently throwing an impudent finger at some witness in the audience, he was living proof of the dangerous existence of a communist conspiracy.

This may not be the best of all possible investigating committees, but we have it for what it's worth.

Another View

Those who have gone to the hearings conducted by the House Committee on Un-American Activities in the Boston Post Office Building have probably had a good laugh. Not because they have also assailed a few people at these hearings who didn't respond with a grin to the antics of the committee. These were the witnesses.

Who and what is it that we are laughing at and calling ridiculous? How many of us really know? Beneath the jokery and the buster, both the witnesses and I hope we can say the same for the committee, too, are in dead earnest.

Ours is the kind of laughter that overcomes us when we are a picture of Jimmy Hoffa and it is captioned "Business as usual gives you nothing if you can help it." Or Jimmy Hoffa joking?"
Dear Asample

For many students, the process of learning new material can often be daunting and abstract. However, a recent publication from the Physical Science Study Committee (PSSC) offers a refreshing perspective on this challenge. The committee has produced a new text that aims to make complex scientific concepts accessible and engaging for high school students. This innovative approach is particularly appealing to educators looking for ways to revitalize their science curriculum with dynamic and interactive materials.

The PSSC is well-known for its pioneering work in the field of science education. Its previous publications have been instrumental in shaping modern science curricula, providing students with a deeper understanding of the physical world. The new text continues this tradition by presenting fundamental concepts in a way that is both informative and intriguing.

Incorporating a variety of teaching methods, the text features real-world examples and applications, making abstract ideas more relatable. It engages students with vivid illustrations and thought-provoking exercises, encouraging critical thinking and fostering a love for learning. The integration of historical context and technological advances further enriches the educational experience, offering students a broader perspective on the evolution of scientific knowledge.

The book is structured to be used as a core text for high school physics courses. It builds on the foundation laid by previous editions, gradually introducing more sophisticated concepts. This approach ensures that students are not overwhelmed by too much information at once, allowing them to develop a solid understanding of the material as they progress through the course.

In summary, the new PSSC physics textbook offers a unique and effective way to introduce science to high school students. By presenting complex ideas in an accessible format, it promises to engage and inspire a new generation of learners. Educators are encouraged to explore this resource and consider how it can be integrated into their teaching practices to enhance the learning experience.
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TUESDAY, MARCH 25, 1958

Beaver Barks

The fall between the winter and spring season is traditionally the low-

est point of the longer season. During the fall of 1957 the team was able to

outdistance its previous best. This year, when winter track is viewed in this

way, it stands out as one of the Institute's most serious athletic deficiencies.

In fact, the emphasis in winter track has always been on p

articipating, not on winning. And Coach George Redfield has one

boy under his tutelage who is the best in the country. However, for the next two weeks the team was

able to do any track work at all because of inclement weather. This re

flected in the fact that they were able to edge a weak Northeastern squad by one point and the following weekend they were belted by Boston College.

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Indeed a ten-lap track was proposed for the Cage when it was origin

ally designed, but the track team couldn't have the whole Cage; still, it was adequate, and thus the trackmen were stuck with their present gym

dirt. This is roughly used for a 12-lap track, but the number of turns of the quarter-mile—not only it impossible to do any speed work but makes it dangerous—more than one Techman has badly scraped his elbow.

Since the present facilities are not only inadequate but dangerous, a better one would provide more and better opportunity for athletic partic

ipation. To give Tech students, the Institute, especially at a time when it is sinking millions of dollars into a new athletic plant, ought to give serious considerat

ion to leaving the Cage, as is planned in the next three or four years, there

will be plenty of room for a properly banked and curved track.

A look at this winter's weather chart will confirm the effect of this on

the track team. During the first week of February the runners were able to practice for the

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Three Winter Sports Pick Captains

MIT's Athletic Association announced this week the elections of captains and 1958's basketball, hockey, and squash teams. Bob Pohlschmidt '60 will guide the ice hockey team, Bill Deaver '60 and George Peddingtem '59 will share the honors of football, and Crocker Doolin '60 and Tom Remers '60 will head the racquets program for the 1958-59 season.

Pohlschmidt Sparked Cagers

Pohlschmidt received the votes of his teammates although he played only a limited part of the basketball season. He is the second member of MIT's men's swimming and diving team to be selected as captain in the two seasons, and the squad is expected to score higher than nine points. In addition, he led in the team in rebounding.

Joel mixed half of the hours, but his absence was easily made up with the energy of those who played with him. He played eight of the season's ten games and was named for an honorable mention.

Peddingtem was captain for the second straight year. The Tech's swimmers have excelled in the Intercollegiate Weightlifting Championships held in the east. The third-year engineering student, who is a three-sport athlete, has made the team for the third year running in the track meet and the fencing meet.

The Intramural Volleyball finals bring together Tuesday evening in the armory the winners of the playing of the four games. At the end of the season, Sigma Alpha Epsilon won, Lambda Chi Alpha, Sigma Chi A, and Graduate House B, ranked first through fourth, respectively. If the final game was won by Delta Theta A, Delta Theta B, and Dover Club, and Beta Theta Pi, respectively.

Four games were also played on Sunday afternoon and two teams, Dover Club and Beta Theta Pi, were eliminated at the end of the day's play. Sigma Chi A defeated Lambda Chi Alpha; Graduate House B defeated Sigma Alpha Epsilon; and Beta Theta Pi, the undefeated team, won its last game.

On March 10, the intramural basketball final will be played between the winners of the tournament, Delta Theta A and Dover Club.

What's in it for you? with IBM

"I joined IBM for two reasons," Robert Thorpe recalls.

"First, the tremendous company growth offered obvious opportunities for advancement. Second, the area of work was exactly what I was looking for—translating their applications to computer systems."

In June, 1956, Bob Thorpe decided to enter the IBM training program, where he studied the corporate structure, its Divisions and products. He received technical training in computer logic programming, and components such as transistors, cores, and tapes. By September, half his time was being devoted to an actual project; by the following March, he was on that project full-time.

"Our job was to translate six servo-amplifiers for the company's 'bomber navigational system' into a semiconductor circuit and we completed the project as of April.

In Research (as in all of IBM), he works in a small group. "Our team consists of three E. E.'s and a technician. We start with an analysis of the overall systems and its components. Then we use modern design techniques involving the latest devices to implement the system."

"Then we use our project as a starting point and eventually to investigate special phases of a project but remain in frequent sessions to coordinate our research activities."

Promoted to Associate Engineer

In August, 1956, he was promoted to Associate Engineer. At that time he had been working on a design and development project for a D.C. sweep-sweeping system for transistorized airborne radar systems. The project was completed in May, 1957.

Bob Thorpe was next assigned to the Circuit Logic Department, where he was concerned with research in new areas of computer technology—for example, magnetic logic and semi-conductor circuitry and systems which operate in 'real time'.

Recently, a "Process Control Technology Group" has been organized within the Circuit Logic Department. Bob Thorpe's present work is in this group. He says, "to study sampled-data systems for application to industrial process control. This work is theoretical and involves mathematical studies of representative systems and programs."

Volleyball Playoffs Enter Third Round Six Teams Remain

The intramural volleyball finals bring together Tuesday evening in the armory the winners of the playing of the four games. At the end of the season, Sigma Alpha Epsilon won, Lambda Chi Alpha, Sigma Chi A, and Graduate House B, ranked first through fourth, respectively. If the final game was won by Delta Theta A, Delta Theta B, and Dover Club, and Beta Theta Pi, respectively.

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Bob Thorpe plans to develop his current work and to develop a more sophisticated approach to the analysis of sampled-data control systems.

As his career develops, he can advance to the more challenging projects of a scientific nature. In time, he hopes to become a management responsibilities combining administrative and scientific talents. Either way, the future is open. IBM Research is expanding enormously at the present time. A New Research Center is being constructed in New York, N. Y., which will be the world headquarters for all of IBM's research centers in this country and Europe. The fact that he is so much on his own, Bob Thorpe says, is what he likes best about IBM.

"There's no 'over-the-shoulder' supervision. You schedule your own work and set your own goals."

This profile is just one example of what it's like to be with IBM. There are thousands of other opportunities for well-qualified college men in Research, Development, Manufacturing, Sales and Applied Sciences. Why not write your College Placement Director who will interview your campus? Or, for information, address your degree will fit you for an IBM career, just write:

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