

TECHNOLOGY NEWS

Volume 31, No. 9

Z-143

ILLINOIS INSTITUTE OF TECHNOLOGY, CHICAGO, ILLINOIS

April 13, 1943

Kassel's music marks tempo for dance, April 30

Slight exertion offered by obstacle course ... ugh!!

Something new will shortly be added to IIT! An obstacle course! It is to be located in the playgrounds, or along State Street, construction of the course was undertaken yesterday.

The course is to be divided up roughly as follows:

The first part will be a group of staggered posts, similar to those used in football practice. Students will learn to run between these in order to gain coordination.

After the posts, the runner will encounter a six foot pit, probably half full of water, over which he will have to jump.

The next adventure in the course will consist of a group of logs set on posts about two and one-half feet high. The exercise consists in stepping over these, somewhat as in a hurdle; first the right foot, then the left, etc.

Techmen to imitate lumberjacks

The weary runner will then be confronted by two inclines, rising some distance above ground, with a sixteen to twenty foot pit between them. Logs will be placed over this pit, and one will run up one incline, and over a log to the other incline, lumberjack style.

Following this, there will be another set of hurdles, such as those described in the fourth paragraph. These will be about three feet high, and the IIT super-man will crawl under one, get up and run to the next, crawl under, and so forth.

At this point, the martyr will encounter a ten feet board fence, which he will cheerfully climb.

(See OBSTACLE on page 3)

Tech time table

Tuesday, April 13

2:00 p. m.—ITSA—East Dining Room
5:00 p. m.—Orchestra—Auditorium
5:30 p. m.—Tech News Staff Meeting—News Office

Wednesday, April 14

5:00 p. m.—Dance Club—Auditorium
5:30 p. m.—Managing Board Meets—Tech News Office

Thursday, April 15

5:00 p. m.—Glee Club—Auditorium

Friday, April 16

10:00 a. m.—Medical Arts Guild 401—Lewis
10:00 a. m.—AIEE—U2W
IAES—208 Chapin
SAE—202 Main
AICHE—305 Main

Saturday, April 17

7:30 p. m.—Armour Eye—Chapin
8:30 p. m.—5A Co-op Social—Lounge

Techmen finally given excuse to grow beards

Sir, are you a man? Can you grow a beard? This is the challenge thrown down by the Junior Marshalls, the powers behind the forthcoming Junior Week. From the looks of some of the sleepy eyed gentry about the campus, we have a potential House of David in our midst, but no fair getting a head start. All male students are eligible to enter the beard growing contest, but there is an age limit for the beards. The starting date will be announced, and all beard-growers can register at that date.

Class skits

Another tradition connected with the annual Junior Week, is the class skit. Any student is eligible to participate in his department's skit. All that he has to do is to see the director of the department. These directors are: Arx, Bill Dunlap and Bill McMasters; Chems, Ted Anderson; Civils, John Yoxen, and Pete Minwegen; Coops, John Aggerbeck; Electricals, Bob Lamons; Fire Protects, Julian Bowers; Mechs, Jack Wagner and Chet Swan. Those interested in entering a fraternity skit should see John Volakakis. Again we repeat for the benefit of any puzzled freshman that any student is eligible to enter his department's skit; all he need do is contact his respective skit manager.

M. Thompson leaves cafeteria service

After managing the cafeteria for six and a half years, Mrs. Mabelle Thompson is going to leave I.I.T.

Mrs. Thompson will be replaced by Mrs. Jane Pond, who has occupied the position of dietitian at the Chicago Memorial Hospital for the past 6 years. Mrs. Pond will, beginning Monday, April 12, have complete charge of the dining room, as Miss Lippert's assistant. Mrs. Pond received her B.S. at Michigan State University, and her Dietetics training at Massachusetts General Hospital in Boston.

"Kassels in the Air"

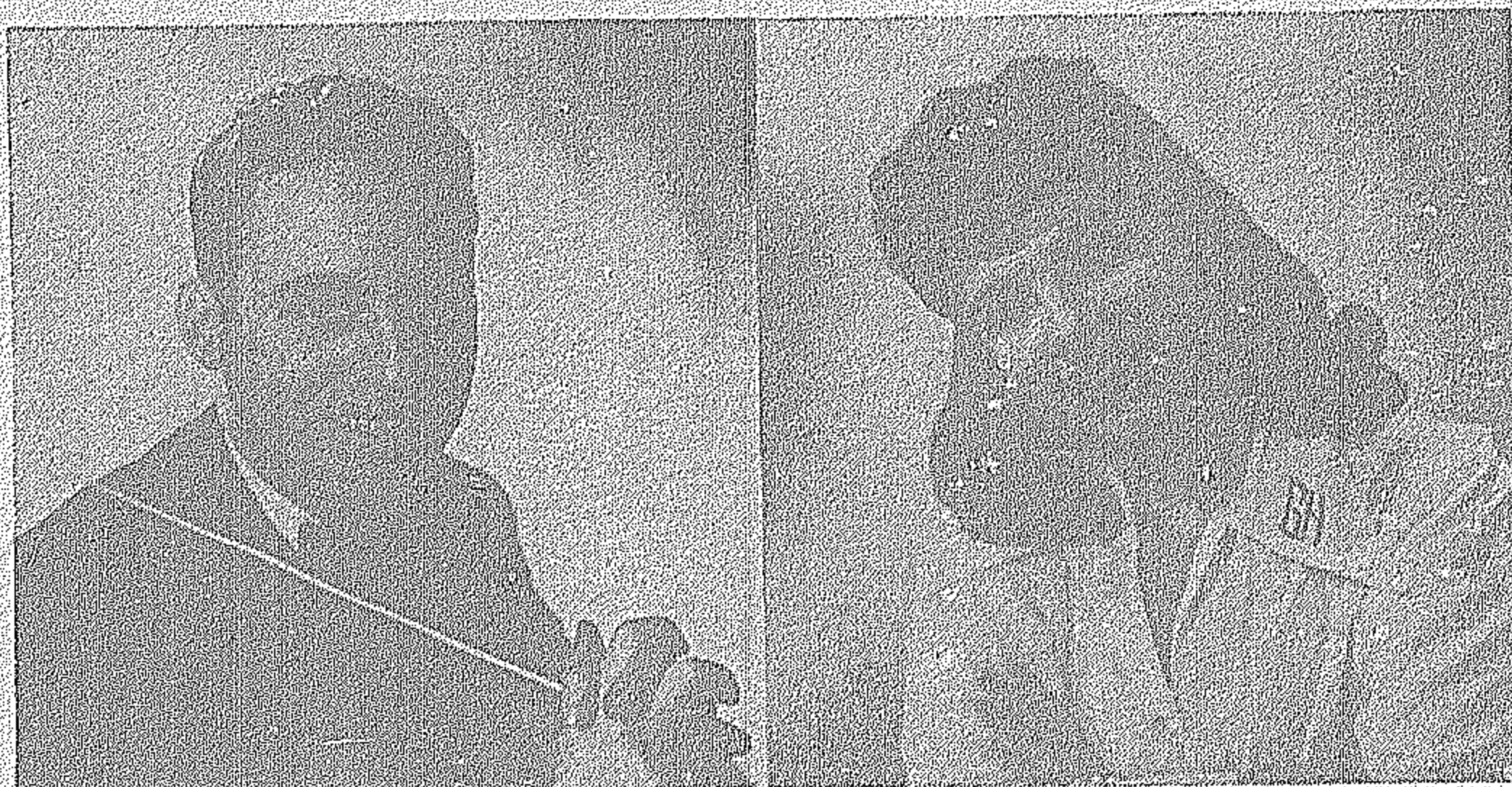


Photo by Maurice Seymour

Band leader Art Kassel and his orchestra provide the musical portion for "Engineers Escapades." Pretty Gloria Hart gives out with the sweet vocal.

Outstanding student engineers pledged by Tau Beta Pi at IIT

Eight new members were pledged to Tau Beta Pi last Friday, at which time they were presented to the student body. Tau Beta Pi is recognized as the highest honorary on the campus and is open to the men of all departments who can meet its rigid qualifications.

The society was founded in 1885 at Lehigh University, by Professor Edward H. Williams, Jr. The high standard of its scholarship requirements compares to that of Phi Beta Kappa, the arts colleges honorary. In addition to high scholarship, Tau Beta Pi demands that its pledges possess an outstanding personality, integrity, and qualities of leadership. These high standards are reflected by the fact that while 118 of 155 engineering colleges in the country have been accredited by a national organization, only seventy-three have been granted the privilege of a chapter of Tau Beta Pi.

New pledges announced

These men pledged Friday to the IIT chapter of the honorary are:

John Briggs: 5th year co-op.
(See TAU BETA on page 3)

Generated power, production topic of conference

"Power for Victory" was the keynote of the Midwest Power Conference this year. More than 1000 of the nation's top power men gathered together to discuss problems vital to the conduct of the present world conflict. The session was approved by government officials as a stimulus for the production of power in the war effort.

The conference, which was arranged by IIT with the cooperation of eight other midwestern colleges and eight local engineering societies, concerned itself with problems of the production and distribution of generated power.

Discussions by Army personnel

Two sessions conducted by
(See POWER on page 3)

Tau Omega, Aero honorary installed

Monday evening, April 12, 1943, the Illinois Tech Chapter of Tau Omega, national honorary aeronautical engineering fraternity was installed as a national chapter after being a local member for two years.

Two months ago, the student chairman of the Illinois Tech branch of the Institute of Aeronautical Science received a letter from the national Vice President informing him of the national expansion program of Tau Omega. A number of the higher ranking students, who have considerable interest in aeronautics, organized themselves as a group, elected their officers and faculty advisors. They then petitioned the national office for a student branch.

Founded in 1927

Tau Omega was founded at the University of Oklahoma, Norman, Oklahoma, in the fall of 1927. The purpose of this fraternity is to create, foster and maintain a spirit of fellowship in cooperation among the students of aeronautics and to promote scholarship and help to the best of its ability the progress of aviation. The objectives behind all the projects undertaken by Tau Omega has been the promotion of aviation study and closer affiliation between college students and the field of aviation. Recently, at Oklahoma, this fraternity has been instrumental in the installation of a \$35,000 wind tunnel.

(See AERO page 2)

Lewis gets the call on the best songs of all

Grand ballroom scene of Tech men escapades

Rumors are flying, everything's buzzin'. Anticipation reigns high. Everybody's asking what's it all about? Allay your fears, my chillin'. We have the answer. IIT is stepping out socially. Everybody "in the know" is putting on his best bib and tucker to look sharp for the Engineers' Escapades. That's it, fellas and gals, the next big Illinois Tech dance. Where? The Grand Ballroom of the Medinah Club. Why? To increase the coffers of the Army-Navy Relief Fund. Whose Music?—Art Kassel and his "Kassels in the Air."

Marking the high point in Spring term social activities, the "Engineers' Escapades" on Friday, April 30, promises an abundance of entertainment. This resplendent affair is under the auspices of the all-school social committee.

Medinah Club scene of fling

Without a doubt it can be emphatically stated that the combination of Art Kassel and his "Kassels in the Air," and the ornate Grand Ballroom of the Medinah Club, is conducive to the acme of dancing pleasure. Not only will Tech students be enjoying an evening of grand fun and smooth dancing, but they will be contributing to a most worthy cause.

Proceeds to Army-Navy Relief

The dance committee decided it would be most fitting to contribute the profits of this affair to the Army-Navy Relief Fund. In this way IIT can perhaps con-

(See DANCE on page 3)

Armour parking lots improved

The improvements on the appearance and utility of the faculty parking lot are part of the program to beautify the campus. The lot was leveled to provide drainage and to remove hip boots from every car driving professors' standard equipment.

New curbs are to be put in around the parking area, and a hedge will be planted between the curb and sidewalk. Trees will be put in at the back of the lot.

Mr. Parduhn, superintendent of buildings and grounds at Armour, stated that improvements will continue. He requested all students to avoid damaging the shrubbery so that more time can be spent in making improvements than repairs.

Students hear Mme. Magidoff

by Burton Fried

Mme. Magidoff, wife of NBC'S Moscow correspondent, spoke to IIT students at an assembly last Friday morning. She told her audience how the Russian people are devoting all of their energies to the war effort, and also presented Russia's viewpoint on many of the questions which tend to cause discord between Americans and Russians.

Mme. Magidoff wore a black tailored suit; her jet-black hair was combed straight back, and gathered together behind her head. She is a competent speaker, and has a very good command of our language, despite the fact that she has been in this country only one year. Her style of speaking had nothing of the dramatic in it, but was sincere and intensely emotional. She made frequent gestures with her hands.

Americans mislead toward Russia

"Most Americans," she said, "have mistaken ideas about the Russian attitude toward religion and private property." In regard to the former, she pointed out that churches in Russia are open, and that when clergymen are arrested, it is not because of their religious profession, but because they have used the Church for political ends.

The notion that private property has been abolished is false. People use money and own homes and automobiles. As in this country, people who have ability may earn as much money as their talent merits. However, money cannot be used to make money.

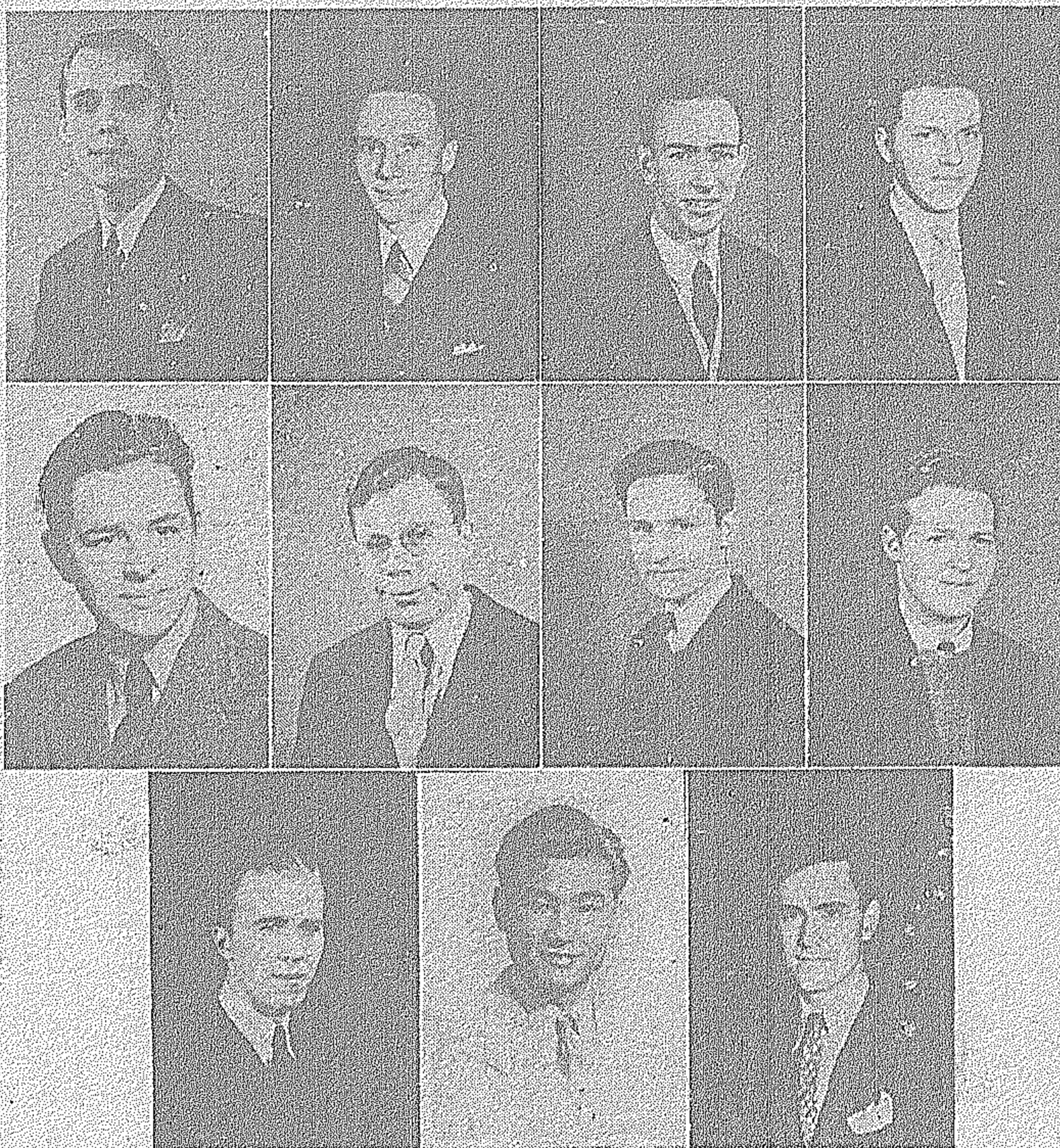
Madame Magidoff told of an American woman, who, on a visit to Russia, complained because she could not obtain pink buttons. As Mme. Magidoff pointed out, there were no pink buttons. Instead tanks were being made. For many years the Russian people gave up many of the luxuries which some of us have come to regard almost as necessities, so that when war came, they had the arms and

Clicks, flashes at Armour Eye

"Hold that pose, Mary!" Click! "I'll have that picture developed in a flash." This scene is typical of what will take place at the annual open house of the Armour Eye to be held next Saturday, April 7.

Members, friends, and their respective female companions are invited. Besides the taking and developing of pictures, the evening's activities will include the showing of motion pictures which President Bruce Kunde has obtained from the Eastman Kodak Company. A dinner in Chinatown and a session of music and dancing will conclude the evening.

Charter members of Tau Omega



Top row: Josef Chamberlin, Ray Smith, Harry Gillespie, Robert Erickson.
Second row: Don Danek, Norman Carey, John Volakakis, John Sluis.
Third row: Don Swanson, Mamoru Masaki, Ed Johnston.

other materials with which to meet the emergency.

Komarewsky called to aid

After her speech, Madame Magidoff called for questions from the students, and answered them cleverly and well. In trying to answer one query concerning the Russian constitutions, she found that her English was inadequate to express her meaning. Professor Komarewsky, of the chemical engineering department came to her aid, and acted as interpreter.

Madame Magidoff called attention to a sometimes-heard phrase, "If we win the war." She emphasized that it should not be IF. This is a life and death struggle for existence, and there is only one outcome to be considered.

Knute tackles matrimony---oh!!

Knute J. Takle, the electrical engineering assistant so popular with those civils who are somewhat lost in the fundamentals of the electricals' realms, has announced his marriage to Miss Erma Helen Ritland, a 1942 graduate of the University of Wisconsin. Mr. Takle received his degree from the same university.

The wedding took place Saturday, April 3, at Eagle Point, Wisconsin. The couple will live in Chicago.

Students in Automotive to organize club

A meeting of all students interested in forming a Society of Automotive Engineers, has been called for Friday, April 6th at 10:10 a. m., in Room 202, Main Building. Should this group activity prove that a sufficient number of students are interested in maintaining a working unit, it is planned that an application will be made for a Student Branch under the supervision of the National Society of Automotive Engineers, Inc.

Further information and application blanks are available from any of the four monitors of the M. E. 412 class of Prof. Roesch.

These monitors are J. Carroll, T. Dunsheath, J. Shearer and J. Soderberg. Mr. Soderberg is acting as temporary secretary.

Professor Roesch is acting as faculty advisor and temporary chairman, of the organization group. C. Kill and I. Slone of the Junior Mechs, and L. J. Aggerbeck of the 5A Co-op class may also be contacted.

All student and faculty members who are interested are invited to be present next Friday at 10:10 a. m. in Room 202 Main.

Lewis gets the call on the best tunes of all

• Aero

(Continued from page 1)

Tau Omega should become one of the most active honoraries in existence because of the increased importance of aeronautics due to the expansion of the aircraft industry in the war effort.

Robert Ericson is president of the newly initiated members of Pi Tau Sigma and chairman of the student branch of the Institute of Aeronautical Sciences. Vice-president Ray Smith is also active in school as Vice President of Pi Tau Sigma and member of I.Ae.S. John Sluis, secretary is a member of I.Ae.S. and works his way through school in addition to carrying a full day school program. Ed Johnston, historian, is captain of the track team, Tech News photographer and member of I.Ae.S. Harry Gillespie is chairman of Student War Council, Secretary of I. T. S. A. and Golf Manager. John Volakakis is president of Chi Epsilon and interfraternity council.

August Danek is a member of I.Ae.S. and member of the camera club. Norman W. Carey

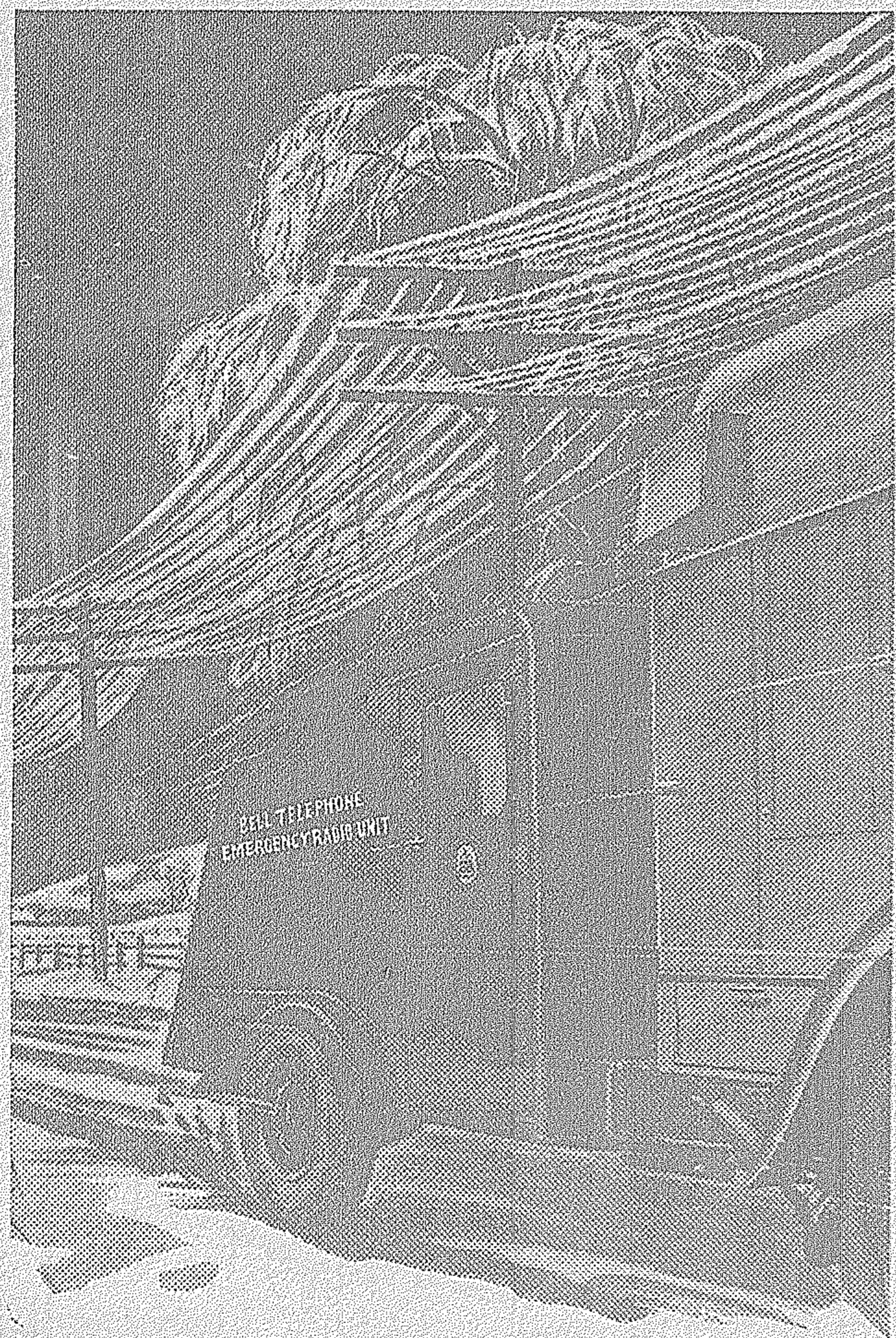
Miss A. Frankel, librarian, takes new position

After rendering her services for more than a year, Miss Alice Frankel, IIT's smiling librarian, will leave Saturday, April 17. She "really enjoyed" working at Illinois Tech. Her acceptance of the position as head of the cataloging department at the Oak Park Public Library was a result of its convenience.

Miss Frankel started at Lewis on April 1 last year and was transferred to Armour last May. Since then her cheerful personality has been an integral part of the south campus library.

is a member of I.Ae.S, the rifle club and team, and is student editor of the Engineer and Alumnus. Mamoru Masaki, a Tau Beta Pi man from California Institute of Technology and I.Ae.S. Don Swanson who is now in active service in the U. S. Air Forces.

The faculty advisors are Dr. Hans Reissner and Professors Huntley and Harris.



How to build a 20-mile bridge ... in 20 MINUTES

Nature in a destructive mood can put miles of telephone line out of service.

To bridge such gaps, while repairs are being made, Bell System men have devised special portable radio equipment.

An emergency radio unit is rushed to each end of the break and connected to the undamaged part of the line. In a few minutes, a temporary radio bridge has been set up and telephone traffic is re-established.

Being prepared for emergencies is part of the daily job of Bell System people—part of the tremendous task of maintaining the lines of communication on the home front.

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"Drama" hits Armour May 14

"The Drunkard," a melodrama of the old school, will enthrall the audience of IIT students and their friends when it is presented May 14 and 15. The "drama," will be one of the type which made grampa's blood run cold and gramma faint; the foul villain will curl his waxed moustaches, and the dashing hero will attempt to save the demure heroine.

Production of "The Drunkard" will be handled by Miss Lou Meyers of the Business Office. Practice was begun last Monday with a tentative cast, but some parts remain to be filled. However, all the thespians will be male, so Little Eva had better shave before she applies for a part.

One important problem facing the production staff is the selection of a chorus line. All fellows with trim limbs are requested to show up at rehearsal and demonstrate their terpsichorean abilities.

• Dance

(Continued from page 1)

tribute something to fellow classmates who have already given so much for our country.

The Grand Ballroom of the Medinah Club is an oft frequented site of college dances. Its central location makes it a "Mecca of Merriment" and affords a simple solution to the transportation problem. Its circular dance floor and majestic balcony are ideal for both dancing and listening pleasure. The sedate terrace, overlapping the street, provides a perfect place for in-between dance relaxation.

An additional attraction to the Grand Ballroom is its abundance of lounge space. The lounges, capable of accommodating some 50 people, are set off by deep, comfortable chairs and soft toned rugs.

From Bismark to IIT

Art Kassell, well known to Chicagoland dancers, provides music pleasurable to "Hep Cats" and "Waltzing Willies" alike. Just having finished a highly successful engagement at the Bismark Hotel, he has promised to bring the "best tunes of all to this IIT ball." The Kassel aggregation is well known for the many tunes it has introduced to the dancing public, including the famous "Knocking at Your Door" theme. Along with his scintillating music, Art Kassel brings the vivacious Gloria Hart and the Kassel trio.

The sparkling voice of the glamorous Gloria is an attraction in itself and the Kassel trio are the proverbial "solid senders."

Two-fold purpose of dance

Not to be forgotten is the wartime aspect of the dance. Daily more and more IIT students are leaving school for the armed services. An air of finality hovers about this affair. The dance committee consisting of Isabelle Winter, Eileen Robinson

• Tau Bete

(Continued from page 1)

Corresponding secretary of Pi Tau Sigma, national mechanical engineering honorary; secretary of the Wranglers; social chairman of his class; president of the Western Society of Engineers, and member of the staff of TECHNOLOGY NEWS.

Alvin B. Coyle: 3rd year electrical. Employed in a full time job besides carrying a full time program and being the head of a family; president of Eta Kappa Nu, honorary electrical engineering fraternity.

Allen Devinatz: junior mechanical; treasurer of Pi Tau Sigma; former member of the wrestling team; and representative for the American Society of Mechanical Engineers.

Joseph Hind: junior electrical. President of the Rifle Club; captain of the rifle team; member of Rho Epsilon, honorary radio society; member of Eta Kappa Nu; and former member of TECHNOLOGY NEWS.

Donald McMillan: junior chemical. Secretary of Phi Lambda Upsilon, honorary chemical engineering fraternity; treasurer of AIChE; former secretary of Alpha Chi Sigma, professional chemical fraternity; treasurer of the junior class; Glee Club member; and representative to the curriculum committee.

Milton Platzner: 5th year co-op. President of Pi Tau Sigma, the mechanical engineering honorary fraternity; vice-president of Wranglers; member of the Honor Board, Dance Club and Armour Eye. Mr. Platzner is also in charge of the Senior American Youth Reserves for Humboldt Park, in which he organizes the AYR groups and

and Don Gedman of Lewis; and Dick Michalek, Pete Minwegan, Wilson McDurmut and Don Eronsen of Armour have provided an opportunity for all IIT students to gain fond memories of college days.

The dance committee has a whirlwind publicity campaign planned, and from all indications a capacity crowd will be present. Also expected are a goodly number of IIT alumni.

• Power

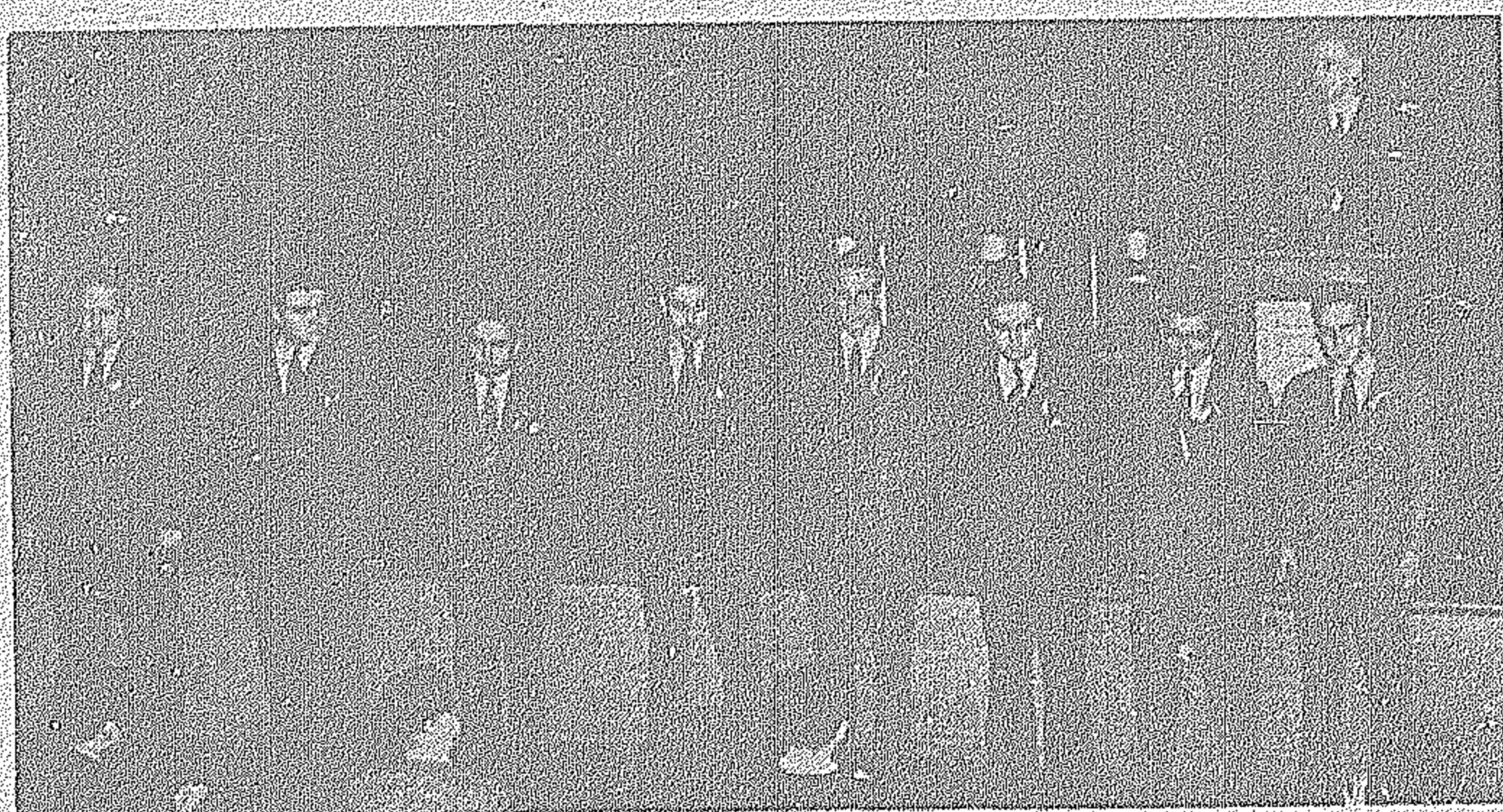
(Continued from page 1)

ranking Army personnel were a feature of the meeting. Problems which have confronted the Army during the recent times and the solution of them were presented to the gathering, during an after dinner discussion on Friday night. War-time protection of power plants was discussed during the afternoon. The five discussions presented by the Army received great interest.

Glee club sings

The Thursday night dinner was held in the grand ballroom of the Palmer House. Mr. Gordon Erickson, director of the IIT musical organizations, brought the glee club and orchestra to the dinner to provide a bit of light entertainment. The reception given to these bodies was highly complimentary.

New Tau Betes line up



Dean Peebles leads congratulations for pledges to Tau Beta Pi, (left to right), Donald McMillan, Joseph Hind, Allen Devinatz, Alvin Coyle, Raymond Smith, John Briggs, Milton Platzner, Charles Rowbotham.

takes part in leading their campaigns.

Charles Rowbotham: 4th year co-op. Feature Editor of TECHNOLOGY NEWS; member of Pi Tau Sigma; vice president of Armour Eye; president of the Co-op club of the Chicago Screw Co.; and is active on social committees of the co-ops.

Raymond Smith: junior mechanical. Vice president of Pi Tau Sigma; member of Glee Club; member of Alpha Sigma Phi social fraternity; a founder of the new Aeronautical fraternity, Tau Omega; in addition to earning most of his expenses while attending school.

• Obstacle

(Continued from page 1)

Next in order is a seven or eight foot solid fence. The student jumps up, grabs the top of the fence, and pulls himself over.

"Over we go"

Then, one encounters a solid fence, ten feet high, with cleats attached near the base. The procedure is to spring on a cleat, leap up, grab the top, and over we go.

After this strenuous exertion, a comparative rest is afforded. All the runner must do is crawl through a rectangular hollow box of dimensions 2½ feet square and fourteen feet long.

The next incident consists of two boards placed against one another at an angle. The gymnast runs along the boards, left foot on one board, right foot on the other.

Even Supermen collapse here

Climbing the fourteen foot ropes hand over hand will obviously present no difficulties for anyone who has survived thus far.

Similarly, going hand over hand along horizontal pipes suspended from logs, will be practically a snap.

To conclude, the student will throw himself flat on his stomach into a pit ten feet long filled with sand and sawdust. No doubt, he will be carried directly from this point to the nearest hospital, or morgue, as the case may be.

Dr. Henry Eyring of Princeton University will speak on "The Drift Toward Equilibrium," under the auspices of Sigma Xi, Wednesday, April 14, 8:00 p. m., in the student Union building.

Research Shorts

Patent No. 2,314,063 has been issued to Dr. C. G. Anderson and Mr. D. E. Richardson of the Foundation for an apparatus for testing golf balls. It has been assigned to the United States Golf Association.

* * *

Dr. J. Robert Spraul and Mr. Robert C. Bour of the Research Staff have begun additional volunteer work as American Chemical Society abstractors of foreign patents for the U. S. Alien Property Custodian.

* * *

Dr. Francis J. Frere is presenting a paper on "Aqueous Ternary Fluoride Systems" at the Detroit Meeting of the American Chemical Society.

* * *

Dr. J. Robert Spraul will address the next meeting of the Chicago Section of the American Chemical Society.

Can't be a chem without your flask

A new organization, the Society of Flasks and Beakers, is being organized by the Alpha Psi chapter of Alpha Chi Sigma under the supervision of Bruce Longtin, assistant professor in chemistry. Membership is open to anyone, especially freshmen and sophomores, who pass the special qualifications of the club and show special interest and talent in chemistry as a profession.

The purpose of the organization is to better acquaint freshmen and sophomores with Alpha Chi Sigma which is a national chemistry professional fraternity and also to allow those who are not pledged to this fraternity to profit from its educational activities.

Students who are not sent invitations but show special interest in chemistry as a profession may apply for admission to Jim Neighbor, junior chemical engineer and president of the Alpha Chi Sigma pledge class which is in charge of the organization plans.

Finals plans for the organization will be made next Friday after which the club's activities will get underway. The activities will include, among others, social gatherings together with professional activities such as round-table discussion with well known chemists on prospects of chemistry as a profession.

Lewis gets the call on the best tunes of all

ASK THE SERGEANT IN INDIA

"OH BOY, AMERICAN CIGARETTES."

"AND COCA-COLA. FIRST CIGARETTES IN 3 MONTHS."

"THINK OF IT. FINDING A CANTEN HERE."

"LOOK FELLOWS, SAME KIND OF BOTTLE WE USED TO GET BACK HOME."

"That's what a soldier wrote home about. Ask the man in the ranks how Coca-Cola rates with him. Ask the man behind the PX counter. They'll both tell you,—when it comes to refreshment, nothing takes the place of ice-cold Coca-Cola. Energy-giving refreshment... quality you can count on... distinctive, delicious taste,—all combine to prove a point that needs no proving: The only thing like Coca-Cola is Coca-Cola, itself."

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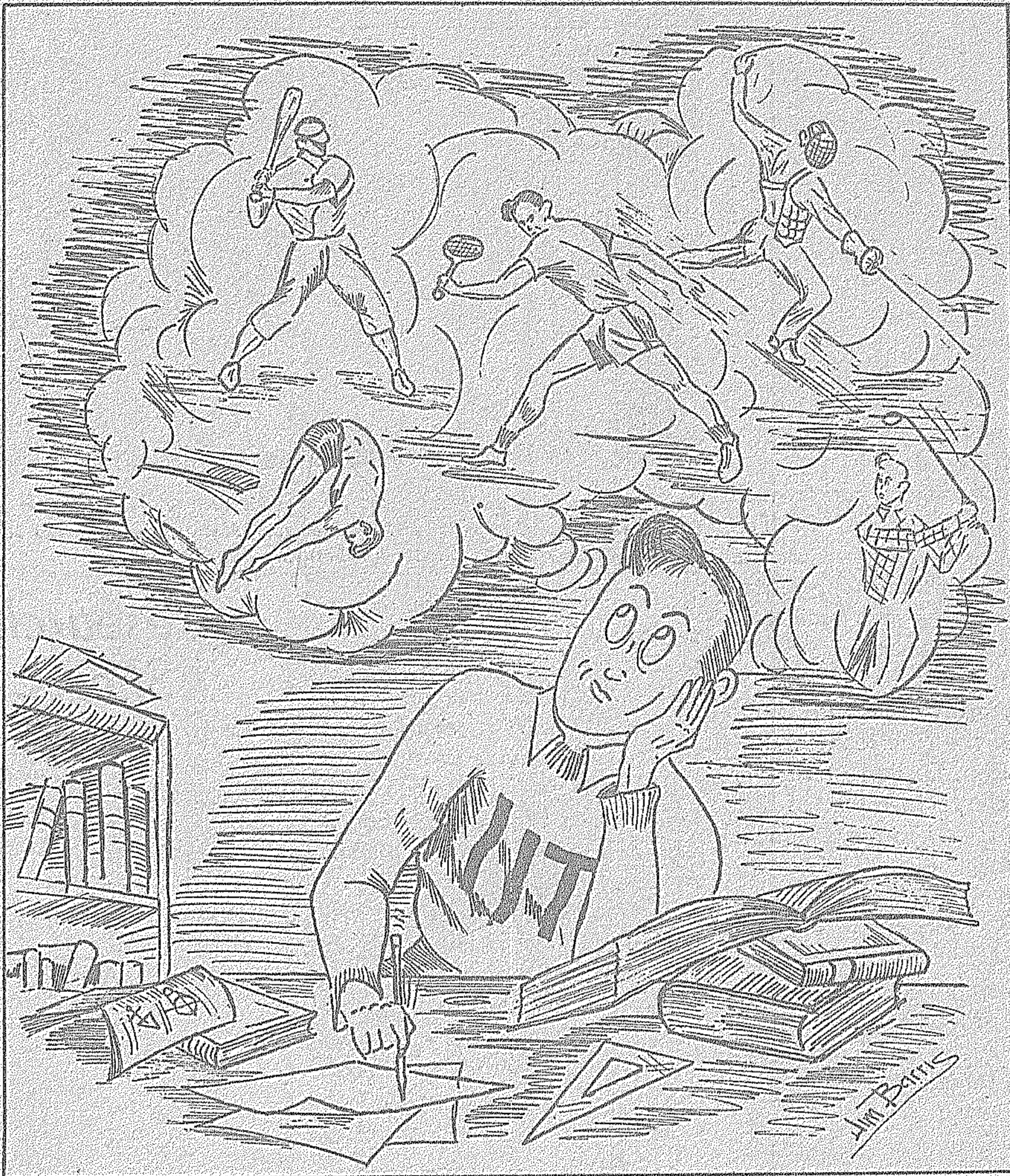
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Collegiate Gremlins



Danger

Students of Illinois Tech are about to begin the most strenuous physical activity in the history of the school. Elsewhere in this issue is found a story telling of the new obstacle course that is being built. By reading this story you may start wondering, as I have, about the ability of some of the fellows around the campus to endure exercise of this sort. This question prompted a one man investigation and here are some of the things I found.

Most of the upper classmen have either been examined by the school physician when they were freshmen or when they enlisted in the various reserves. Therefore a good majority of them know whether their bodies are able to take physical exercise and how much they can "take." But there is a loop-hole in this picture.

The administration's policy is, and has been (and rightly so), that every new student must see the school physician so that he may be classified according to his physical fitness. Although this has been a policy there has been no actual enforcement. There are hundreds of freshmen who have not kept their appointment with Dr. McNamara, and it seems that nothing is being done about it.

Dr. McNamara posts lists of the thirty students that are supposed to see him, every day. The student is automatically excused from class for that period; yet one day last week only one of the thirty kept his appointment. Why isn't there some sort of enforcement for these examinations?

Another very important matter was also brought to my attention that may affect each and every one of us.

It is a fact that during war times disease and epidemics become more prominent. It has been a relatively common occurrence for Army camps to be quarantined for weeks because of one soldier having contracted a contagious disease such as measles, small pox and scarlet fever. We here are just as susceptible as those in the Army to contagious disease, yet we have no way of controlling them in this school. A student can get measles today, and before his quarantine is up he may return to school, and according to medical advisors, spread the disease. Because of the insufficient roll calling, a student may not even be missed from the school for weeks.

These conditions are not healthy, to say the least. It wouldn't help the war effort if an engineering school was to close down because of one inconsiderate individual. There must be something that the administration could do to insure against an incident of this sort.

Ulysses Backas.

MAIL CALL

By Pete Minwegan

U.S.S. Prairie State
Tuesday, March 30



Dear All—Mechs, etc.

Well, here I am. What a place. If I get a leave, I'm going to drip in at Armour for a real home cooked meal in the lunchroom. If Bryne and Swan think I'm kidding—just wait.

I have never seen people move so fast. Last week I spent 20 minutes smoothing out my bed and tenderly patting wrinkles beneath the pillow so they can't be seen by the inspecting officer. That night—I'm in the 'head' having a smoke and what happens? They make with the siren and up the ladder I go hell bent for election to my locker for my raincoat and then to my beautiful bunk where I destroy my work of art by ripping off a blanket. From then on it is every man for himself. Down the passageway and gangway, over the dock and into the N.Y.C. freight yards before you can say Pussyfoot. Of course, we only have fire drills, etc. if it is raining or extremely cold. On warm nights we needn't go outside.

They have a swell sick bay here—four bunks, one thermometer and all the horseneedles and "shots" man has yet devised. We are such healthy creatures that they get lonesome in sick bay. So—for the first three weeks they gave us typhoid shots. Did they have a rushing business. Were you ever packed in ice up to your neck and then had an oven put around your head? Add to that 40 Loogans pounding away at your whole body with sledge hammers and you'll get the general idea. Out of the first eleven days I was here, I spent three in bed with the above reaction.

One of the fellows timed it and found that 45 seconds were required for one man to have both arms cleaned, 3 injections, one vaccination and be checked off on the roll call. Henry Kaiser's coming to N. Y. for the next class to get some pointers.

The ship? Aw, this is a swell place. Our only trouble is fighting off the cockroaches. They even cry out, "Halt, who goes there?" as we open our locker doors.

I would suggest that Jackson and Chet study up on E. E. 414 and 415—we get the whole thing in three months. Know the Morse code COLD. Sending and receiving six words (five letters each) a minute is the requirement for graduation. Know the 70 signal flags required. They are: Inter-

national alphabet flags, International number pennants, Navy number pennants and the special Navy flags for formations as given in plates VI and VII of the Blue Jackets Manual. The names given to various letters such as "A"—able, "B"—baker, etc. should not be known because they were recently changed.

The three weeks course we had in math consisted of trig, logs, thermo, heat transfer, statics, kinematics, and slide rule. These should be reviewed thoroughly. Semaphore signaling is also required.

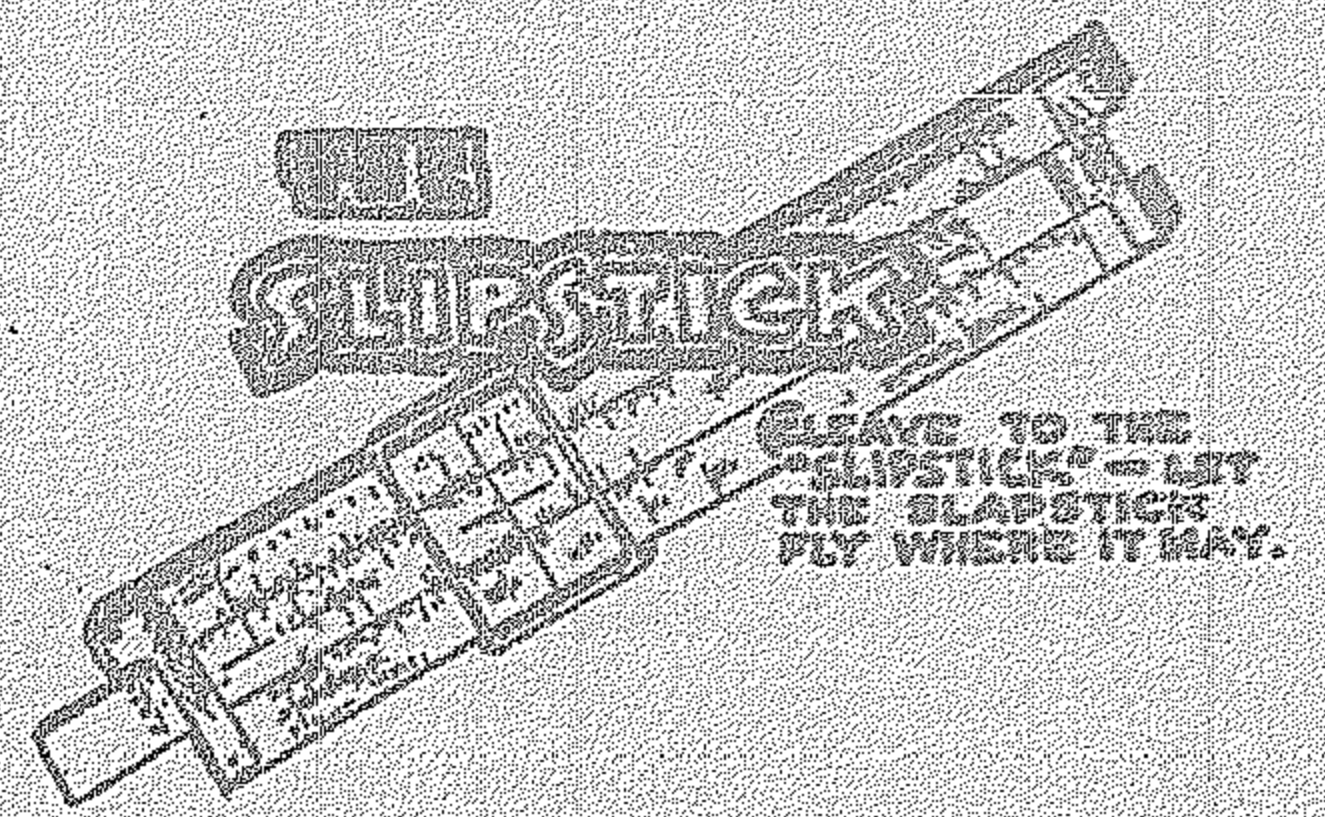
Learn to run your tail end off and keep your mouth shut no matter what they do to you. And, cheating on quizzes or homework should be left at Armour. Once, and you are on a train for home within THREE hours after being caught if a train is available. If you see someone cheat or "gouge" as they call it, and do not report him, you, too, will be thrown out. The reason is simple and sound. Why let a man be an officer who might be in charge of a whole shipful of men if he doesn't know the score? The guy you let get away with cheating might be the very one who is on the bridge some night while you are sleeping. If he sinks the ship because he missed something that day by cheating, you're to blame more than he is. The same applies if he copied your homework and the same thing came up at sea. It's not a case of squealing. It's just being smart. If the honor system at Armour had any "teeth" in it such as in the Navy, there would be NO cheating after two months.

The only difference between here and Armour is that here we have Armour plus M.I.T. in three months with discipline thrown in. If a fellow studies here, he won't have much trouble. We usually have an hour of study for every hour of class. They see to it that we don't have too much free time.

The first three week-ends here we were restricted to three blocks east of the ship and ten blocks north or south. Now we are off from 3 p.m. Sat. until 5:45 a.m. Sunday and can go anywhere within a fifty mile radius of downtown New York without a special pass. Everyday we are allowed to leave the ship from 5 until 5:45 for haircuts, shines, etc.

I have a class now so I must run. I sure would like to hear from the gang.

John "Mulroney" Mahoney.



I'm usually at a loss for words to open up ye weekly Slipstick but today let us start off with—"The Best Tunes of all move to Medinah Hall." Yes, the best tunes of all move to Medinah Hall. Remember the all school Army-Navy War Relief Dance! April 30. Medinah club of Chicago. Art Kassel and Orchestra! Gloria Hart! \$2.50 a couple including tax. Get your bid today!

V Art V Kassel V

Boy friend—We're gonna have a swell time together, Hon. I've got three seats for the movies.

Sweetie—Three seats? What do we want with three seats?

Boy Friend—One for your pop, one for Mom, and one for your kid brother.

V Gloria V Hart V

"S'funny but a teacher can be easy on the eyes and hard on the pupils."

V Medinah V Club V

"Ah, my dear young lady!" exclaimed the attendant at the awesome entrance of a silken hung room, "You wish to consult Madame Maharajh, the great mystic of the orient?"

"Yep," replied the caller, "Tell her that her kid sister's here and Ma wants she should get a couple pounds of liver-wurst on her way home."

V \$2.50 V a couple V

At twenty she was a "Turtle-dove."

At twenty-five, a wren.

At thirty-five, a partridge plump.

And now she's just a hen.

V Dancing V 9 till 1 V

Mrs. McTavish (looking out the window): "Sandy, here comes company for supper."

McTavish: "Quick, everybody run out on the porch with a toothpick."

V Bids out V today! V

A little Swede lumber pillar was making a more or less informal call on the wife of Nels Swenson, who was supposed to be on the night shift. Suddenly there was a rap on the door. The visitor, at the agitated advice of the frightened wife, dove into an empty tank and closed the lid. The door opened and in came Nels on the run.

"I'm yust in time," he cried excitedly. "Hurry! Hurry! The house is on fire!"

"May gudeless!" exclaimed the frustrated wife. "What shall we do?"

"Yumpin' Yiminey!" came a frightened idea from a hidden voice. "Qvick, trow out de vindow dis tronk!"

V Army-Navy V War Relief V

I think that I shall never see a billboard lovely as a tree. Perhaps, unless the billboards fall, I'll never see a tree at all!

V Engineers Castles V in the Air V

Little girl: "Nurse, will I have a moustache on my lip like Daddy when I grow up?"

Nurse (absently): "Pretty often dear, I expect."

V Kassels in V the Air! V

Pete Fisher 'Min' Minwegan.

COOPSCOOP

By Gerry Golden and Jim Van Santen

WHY GIRLS LEAVE HOME DEPT.

Brutes all of them! As mean a stude that ever terrified a graduate student or whirled a critical. Yet, like all men, they too have their Achilles' Heel, the following select group are members in good standing of the "I.W.M.T.R.O.M.P., or "I Wear My Tootsie's Ring on My Pinkie" Club. Members to date are: "Lodger" Olsen, Jim Van Santen, Mike Reardon, Tony Lofrano, Bill Fiddelke, and Gerry Golden. At this writing, "Temper" Dvorak claims that as soon as he solves the Betty Maiers situation, he too will join the group. Phil Rinck, ex-member, says, "Don't do it fellows."

FAMOUS QUOTATIONS

"Sharp as a basketball."—George Kennedy.
 "The matter of fact is."—Hank Altenkamp.
 "It's a snap."—Lobo "Zoot" Yessne.
 "Too late to worry about it now."—"Lodger" Olsen.
 "You do it this way, Buncey."—Charlie Lansky.

After five years of research Bill Logue has completed his work on the subject of sleep. Along with considerable theory Bill has had a lot of practical experience in this particular field. As a basis for this new slant on the subject Bill has established a new unit which expresses rest in terms of sleep, namely the EUCOL. As an example Bill says that one hour of sleep in class is worth one EUCOL, whereas one hour of sleep at home is worth two units. Bill also states that other rest such as attending the Rialto may also be expressed in this unit as considerable dreaming is present on such occasions. For further particulars see Mr. Bill Logue, 5-A Co-op.

Robert Hoidal 3A Co-op after an appendectomy operation has returned to our midst suffering from an acute case of "barber's itch."

It was with tremendous satisfaction that we noticed the solid front presented by upper class co-ops at the Power Conference last week end. All agreed it was a day well spent—even though no homework was done.

Hilmer Carlson has finally, after four long years deserted Aurora and has moved in with John Ferken. Hilmer says that the time element was responsible. Could be also that John's nurses may also have the time!!

The newest additions to that certain EDT drafting class now includes Roetter, Robin, Prorok, Duke, Carlson, and Ferken. Could it be that they are interested in the girls in the class?

Larry (no third term) Aggerbeck is quite famous. Just recently he was asked by letter to enroll at Vanderbilt University School of Nursing.

Ed Nidel and Bob Backlund 3-A co-ops were pledged into Beta Omega Nu last Wednesday night; consequently Frenchies' beer reserve has been greatly diminished.

It is rumored here that Bert McCleneghan was planning on using this column as a stepping stone to greater things as an editorialist with the Chicago Tribune . . . that is, until Mac had a falling out with Rob McCormick at the Swedish Club last Wednesday evening.

Congratulations are in order for Hilmer Carlson who has announced his intentions of marriage.

Jacque Meister 3-A co-op having date trouble for the Triangle party finally decided to take a nurse from St. Luke's. Surprise . . . she was not only pretty but also intelligent.

The 4-A Coops were well represented at the Midwest Power Conference in the Palmer House. Between signing up waiters in the W. C. Club and smoking big stogies, quite a time was had by all. The W. C. (whirling critical) club is a comparatively new organization as a result of Rinck's, Golden's and Carroll's keen observations of Diesel Dan Roesch's manual lectures in Internal Combustion Engine Class. To perform the W. C. handshake, place your hand near the hand of a fellow wcte and vigorously rotate.

GREEKS

Phi Kappa Sigma

A formal initiation was held last Tuesday evening for William West, Jr., now a lieutenant in the Army Air Corps who was a pledge before he enlisted.

A letter was received from Bob Bartlett, recent reserve inductee. He said the army is treating him fine. He would like to hear from some of his friends soon.

Jim Stueber, soph. fireman, was the latest to leave their midst via the draft. "Stu" was a friend to all, and they wish him the best of luck and a speedy return.

The Phi Kapps have won final ownership of the interfraternity bowling cup as a result of their recent victory in the rollofs. This is the third leg on the trophy which makes it officially theirs.

The Alpha Sigs defeated the Pi Kapps in a ping pong match last week to become the winners of their bracket in the fraternity ping pong tournaments.

A juke-box dance was held at the house last Saturday night which was enjoyed by all.

Theta Xi

An innovation in parties, the "Silent Stomp," was held at house Saturday, March 27. Social Chairman George Loeffler and his assistant Harold Scholin provided a wide assortment of games and events which totaled up to a hilarious time for all. Brothers Gordon Cole and Robert Klein, who were leaving for the Army and Navy respectively, were both presented with money belts.

Brother John Cox provided the most startling news of the week when he announced his engagement to Miss Virginia Roberts. The proud possessor of John's fraternity pin is president of her chapter of Alpha Xi Delta sorority at Denison University.

Sigma Beta Theta

Sigma Beta Theta sorority recently completed a successful rushing season which was climaxed by a formal tea held at the Drake Hotel, March 28.

The rushees are Lorraine Mattern, Dorothy Vedal, Marie Palumbo, and Emma Dugan.

Dorothy McArdle, an alumna, was married February 13. Another graduate, the former Alice Anderson, became Mrs. Al Pierroult in the beginning of March. To complete the alumnae news, Lorraine Pindras became engaged to Robert Mather, also an IIT graduate.

Salamander

Two junior fire protects have been pledged to Salamander, honorary society for fire protection engineers, it was announced by Professor Finnegan, faculty advisor for the group. The men pledged are Jack Hoyt and Julian Bowers.

Delta Tau Delta

Delta Tau Delta's solution to ration is Jim Neighbor, who was declared by the Navy last week 65 lbs. overweight for the V-7 program. Jim's unusually large appetite has been cut to a mere bagatelle. Besides tightening up his belt at the dinner table, Jim is now riding to school on a bicycle from 6700 North; walking to the Loop from the Delt house three times a week; and regular jaunts around the track.

The Mothers' Club of Delta Tau Delta held a Social Meeting last Sunday. Parents, sisters, brothers and sweethearts joined together to make the afternoon one to be remembered.

Triangle

Triangle was well represented at the Pi Tau Sigma initiation banquet Wednesday evening held at the Swedish Club of Chicago. Lowen Shearer, Bert McCleneghan, Jack Soderberg, Tom Dunsheath and James Carroll are the new members.

Honoraries seem to be in style at Triangle this week as we add Jack Hoyt, Junior Fire Protection Engineer, to the list of Salamander Pledges. Jack isn't quite sure whether he'll be initiated into the Honorary or the army first. It will be close but we're all hoping, Jack.

It was pledge day Saturday evening and a party run by these ambitious young men was a big success. The Little Abner idea really was original and all who attended now know what Tennessee mountain life is like.

The installation of Tau Omega, National Aeronautical Honorary was held at Triangle Monday, April 12.

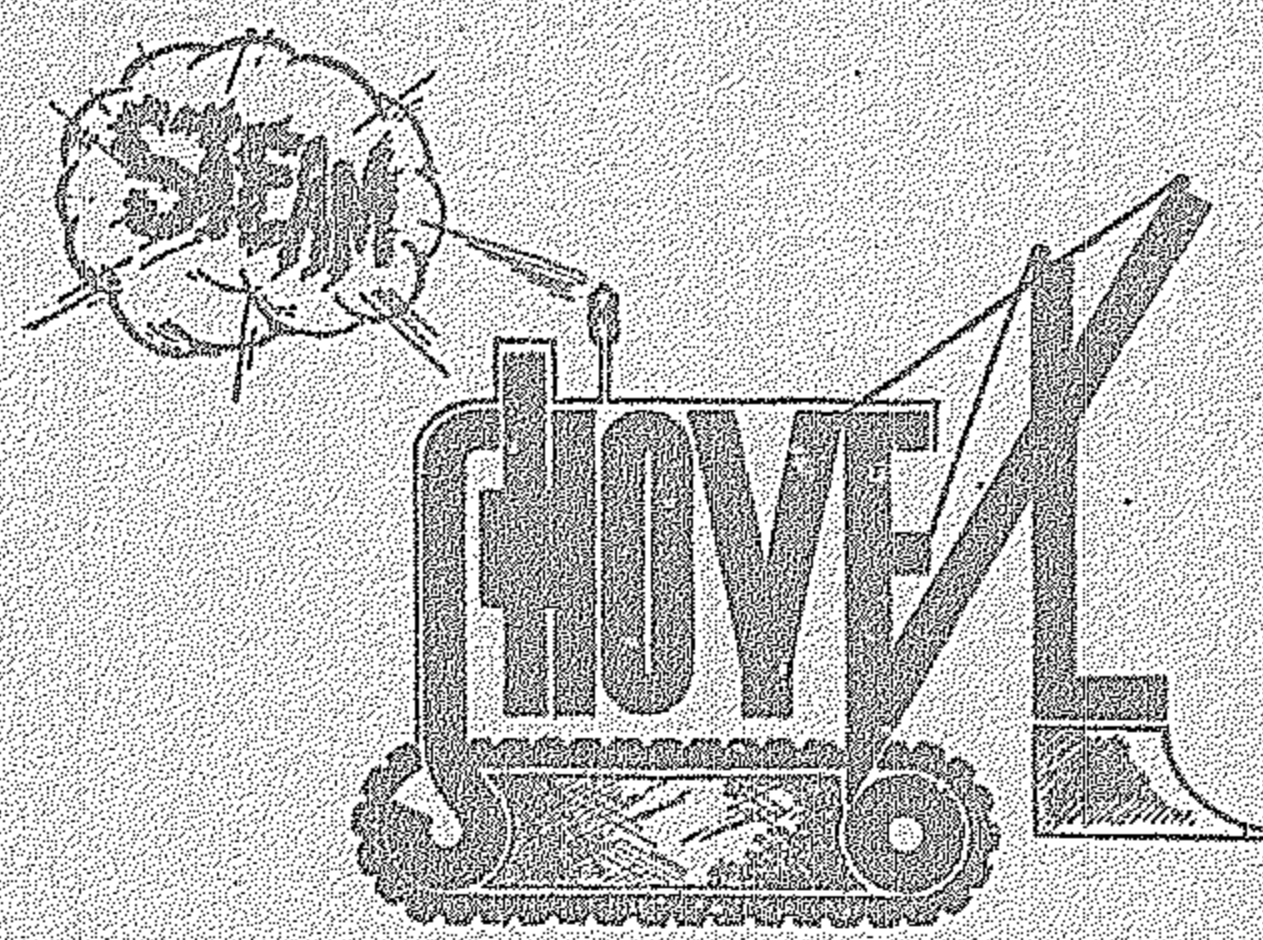
Alpha Chi Sigma

At a recent meeting of the pledge class of Alpha Chi Sigma, professional chemical fraternity, James Neighbor was elected chairman. One of his main duties will be directing the production of a play to be presented to the active members of the chapter.

A new trend in pledge duties has been launched by Alpha Chi Sigma. Replacing some of the duties which were of little practical value to the pledge are several designed to teach the pledge something useful. These include the looking up of reference material in the library, which few students actually know how to do correctly.

Pi Kappa Phi

The fellows at the Pi Kapp house are anticipating an unusual and interesting time at a party to be given by the officers of the fraternity on Friday night, April 6. All those present will be dressed in the style of the wild and woolly west, which, with soft lights, appropriate decorations and the ever present odor of the stock yards will help to create the atmosphere of the Southwest.



The Passing of the Bard

He's gone to a fairer life than this we know; to a place where there is no deadline, and people are always doing interesting things; where no one's feelings are ever hurt by a columnist's clever remarks and no editor dares cut a column.

When no word came from the Bard this week, the editors began to fear that the very thing which they had been dreading had come to pass. The identity of the Bard had leaked out. He had been discovered by one of the very fellows whose name he had besmirched via the "Steam Shovel."

This misguided youth had arisen from the depths of shame where the Bard's treacherous revelations had consigned him, to strike a blow in the name of all who are oppressed which sent the Bard to "The Happy Writing Grounds."

Jack Weidenmiller, a hockey player and defense man for Georgia (the girl friend), followed the popular mode and left his locks on the barber's floor. When she tearfully admonished him for his folly, Jack desperately pleaded, "Run your hand over the bristles, Hon, they feel just like velvet."

Al (I wanna sing) Purzycki is now in training for the beer drinking team. We're sorry to say that Zoot's alcoholic content to date is only 2.2% or two beers. When interviewed, he remarked that he's ben working out every evening at the Palm Grove AC and expects to be up to 3.3% by summer, then he'll take on "Dat bum, Galento."

The Hockey Hop

Those who attended the Hockey Hop had an opportunity to see Charlie Chaplin in "The Tramp." Most of the audience was surprised to discover that although the picture was produced many years ago, the comedian's clothes bore a striking resemblance to the attire of present day college men.

Chaplin's technique in felling criminals who molested fair ladies while not exactly "a la Weissman" was seemingly quite effective.

Because of the inadequacy of most lockers, Jim Oldshue, star student basketball player, has developed the new Oldshue Locker Design. Through a series of rubber bands and wire hangers, the infernal machine attains remarkable efficiency. Because of the essential defense materials it will not be produced until after the war.

Embarrassing Moment: When Tom Sloan was forced to ask his date of the Hockey Hop (Doris Lane) for car fare home from the Indian Room of the Blackhawk. It seems he didn't realize the bill he was accumulating, which resulted in his lack of funds.

Another chapter in the life and loves of Ted Pilot

You remember that all of Ted's dates get married to some one else. His latest unknown must have been one step ahead of her predecessors for she didn't show up even for the first date. Ted has a sneaking suspicion she has eloped. At any rate those at the Hockey Hop were surprised to see the "Fred Astaire" of Illinois Tech dateless, at the last minute too.

In a large group of people one always finds a character. Such a one is Jerome "Legs" Houle. Patrons of the Hockey Hop were dazzled, nay blinded, by his bewitching maroon garters. One bystander, Robert I. Brabets, was so overcome that he credited Houle with four legs and a pair of noses. It could become serious.

A little known fact is that Bob Kirk, a student of Heat Transfer, is also delving into the mysteries of the sources of Heat. The object of his experiment is to see how long a torch, once ignited, will burn. Assistant Hazel Byrnes is an invaluable aid in this research.

The "Windo Washers"

ATHLETES THEN PROFS NOW

By MARVIN LARSON

In this second of a series of articles on the faculty members at Illinois Tech we present Philip Huntley, director of the Civil Engineering department.

"Phil" or "Pop," as he is called by his friends, was born on a farm near Cameron, Arkansas. During his younger days, Phil could only go to school three months out of the year; July, August, and September. The remainder of the year he spent working and gathering a little capital.

When Phil was 19 years old he enrolled at the University of Arkansas. At the beginning of his junior year the lure of the gridiron came to him. He went out for the varsity football team and his aggressiveness and all-around ability soon won him a place on the first team. Arkansas' coach at that time was Hugo Bezdek, one of the all-time great football mentors.

Practice six days a week

Coach Bezdek had the team practicing six days a week from 3:00 p. m. to 10:00 p. m. On Sunday the team members would go on a hike together. When it became dark on practice nights, the team would use a white football. When rain stopped regular practice the team would utilize a classroom for practice. Phil and his team mates would move the chairs from a room and go about their bruising tactics per usual.

When the first game of 1908 rolled around Phil was to be found playing roving center, which was a position to which his towering height made him particularly adaptable. Coach Bezdek gave Phil the responsibility of calling signals from the center position. In 1908 the forward pass play came into existence, and this was greatly advantageous to Phil's height.

The end of the 1908 season found the "Razorbacks" with six wins and five defeats. In the following year Arkansas had

the best team in the school's history winning every game in decisive fashion. They piled up 285 points as opposed to a mere five points for their opponents. (Note: In those days a touchdown counted five points.) It was little wonder that they had such a great team, for the Arkansas line averaged 210 pounds per man and the backfield 180 pounds. Because of their imposing record, Phil and his team mates won the Southern championship for the year 1909.

Southwest champs

With a veteran team the next year, Arkansas won the Southwestern championship by winning all their games except one, which ended in a tie. Coach Amos Alonzo Stagg of the University of Chicago, who always produced good teams said that the Arkansas teams of 1909-10 were the best in the nation.

Played every minute

Over this period Arkansas played the outstanding teams in their section of the country including Texas, Tulane, Oklahoma, Louisiana State, Texas A. and M., Mississippi, etc. Most important fact about Phil's four year football career was that he played without a substitution. In that day the halves were 35 minutes long which adds more glory to Phil's accomplishments. In his last game of his collegiate career, several substitutes were sent in but Phil and his colleagues sent them back to the bench so that they might keep their record unblemished.

Many readers are probably wondering how Phil played football for four years after his sophomore year. Back in the early 1900's eligibility rules were very lax and an athlete could participate in sports after graduation. Phil actually received his sheepskin in 1900 but he stayed on at Arkansas to do graduate work in mechanical (See "PROFS NOW" page 7)

over Flaskamp, 21-14; 21-11; Chyneck over Solomon, 21-15; 22-20; and Gedman over Marland, 2-17; 17-21; 21-12.

The women's bracket winners had an easier time winning, primarily because they won their games by forfeit. Florence Bartusek is scheduled to play Grace Tagliere with Eileen Robinson playing the winner of this match.

Softball tournament begins

Entries are now being accepted for a men's softball tournament. Several teams have indicated their desire to participate and it is hoped that the tournament can get under way within the next week. Each team is to consist of nine men and, if time allows, a round robin tournament will be played to determine the winner.

There is a possibility of a women's volleyball tournament in the near future. For further information contact the Intramural manager, Don Gedman.

Starting battery for Tech



Photo by Ed Johnston

Pitcher Al Dambros and Catcher Dick Melgard talk over what to "feed" the next batter. In their hands like much of the fate of the Techawk nine as they go into a fourteen game schedule.



by BACKAS

Ogden Field is beginning to look like a three ring circus. Here within an area of half a block you can find almost every summer sport being played. The baseball team is working out on one diamond while on the other a softball game goes on. Someone is tossing a shot and little Jackie Eulitt is breaking his neck in the pole vault. Trackmen running around the cinder path find it hard to keep from being hit by a ball and the high jumper practicing in front of the right fielder. This is Ogden Field in the spring. It's crowded but we like it.

Orchids this week go to Ted Anderson, Jack Foxgrover and Louis Bolt who pitched in to save the day. When the Chems met the Civils in the bowling tournament, the local alleys found themselves short of pin boys. These fellows offered their services and set pins for the afternoon at the union wage rate of seven cents a line. A noticeable stoop in their walk has been observed for the last week.

A potential Warmerdam is still being sought by the track squad. Anyone who has attempted this pleasant way of breaking one's neck should immediately get in touch with Coach Rinehart.

This page welcomes any letters to the sports editor that may come and, providing they are signed, they will be printed verbatim. Drop your gripes and suggestions in the box of TECHNOLOGY NEWS in the Student Union.

Five of Tech's best bowlers have entered the State Bowling Tournament at Milo Wiesner's alleys. Bowling under the name of the Techawks are Bill Parks, Al Petronis, Louis Rymkus, Bob Brabets and Joe Donohue.

Last week the article on intramural baseball had a typographical error that said meals would be given to winners of the tournament. This of course should have said medals.

The wrestling squad is still working out and they are planning to wrestle the navy in the near future. I have been under the impression that this team had dissolved but they have been keeping in condition.

Coach Sammie Bibb's golfers will open their season with the University of Chicago this Thursday. It will be interesting to watch this squad. They have the makings of a winning team for Tech.

I wish to thank our talented cartoonist, Ronnie Lind, for his fine work and for the new head he has made for this column. It is fellows like him that make the life of an editor a little brighter.

RESULTS OF SATURDAY TRACK MEET

11T-74; MORTON-52 Mile Run 1st—Haberkorn, 11T; 2nd—Anschicks, 11T; 3rd—Holka, MJC; Time 5:03.2 440 Dash 1st—Cooley, 11T; 2nd—Lutzow, MJC; 3rd—Grove, MJC; Time :54.5 100 Yard Dash 1st—Henning, MJC; 2nd—Costakis, MJC; 3rd—Ingham, 11T; Time :10.8 120 yd. High Hurdles 1st—Bull, MJC; 2nd—Parks, 11T; Time :20.5 880 yd. Run 1st—Haberkorn, 11T; 2nd—Paulsen, 11T; 3rd—Hutar, MJC; Time 2:14.3 220 yd. Dash 1st—Cooley, 11T; 2nd—Henning, MJC; 3rd—Costakis, MJC; Time :23.9 2 Mile Run 1st—Haberkorn, 11T; 2nd—Bull, MJC; 3rd—Schmitt, MJC; Time 11:27.6	220 Low Hurdles 1st—Lutzow, MJC; 2nd—Johnson, 11T; 3rd—Harrison, 11T; Time :27.2 Half Mile Relay Morton Junior Shot Put 1st—Purzycki, 11T; 2nd—Loeffler, MJC; 3rd—Parks, 11T; 36' 2.5" Broad Jump 1st—Mills, 11T; 2nd—Harrison, 11T; 3rd—Parks, 11T; 19' 9.25" Javelin 1st—Purzycki, 11T; 2nd—Loeffler, MJC; 3rd—Parks, 11T; 127 ft. High Jump 1st—Parks, 11T; 2nd—Harrison, 11T; 3rd—Sorcek, MJC Pole Vault 1st—Eulitt, 11T and Nawak tie Discus 1st—Loeffler, MJC; 2nd—Purzycki, 11T; 3rd—Parks, 11T; 118' 2"
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Thinclads blaze cinders to win track opener

by John Reissenweber

Doc Rinehart's men came through Saturday to give Illinois Tech a win in the first track meet of the season. Avenging last year's loss at the hands of this same team, the Techawks beat Morton Junior College to the tune of 74 to 52 on the latter's home track.

Jack Haberkorn starred for Tech by winning three events, the mile, two mile and 880 yard runs. Jack earned fifteen points, while Bill Parks and Cooley each earned ten.

The Techawks took ten firsts in fifteen events and eight seconds. The half mile relay ended in a "photo finish" with Morton winning what looked like a dead heat.

Earl Mills captured the broad jump, an event that was swept by 11T. Purzycki tossed the shot and javelin, and took first in each, plus a place in the discus.

Jackie Eulitt tried for first in the pole vault event. This was his first attempt in this sport.

Next Saturday the team will meet the Navy Pier sailors and North Central in the first triangular encounter of the season.

Results of each event are given elsewhere on this page.

Techawk nine gets first test

Opening what they hope to be their best season yet, the Techawks met Lake Forest last Saturday on the Red Birds home field. The probable starting lineup for 11T was Lichtman, on first, Clemens at second, Pype at short and Schmitz at the hot corner. Furst, Gleason, Contes, were in left, center and right fields while Melgard and Captain Dambrose were the battery.

Last year the Foresters provided the season's initial competition and also our first defeat. Because of this 3 to 2 loss the Techawks had two incentives to win; to put game number one on the right side of the ledger and to cross out the crucial loss. Coach Weissman was counting heavily on the left arm of Captain Al Dambros who finished last season with an 0.833 average.

The 11T outfield is a veritable sewer with veterans Joe Gleason and Warren Furst, and freshman Tom Contes. The infield boasts two freshmen, Hank Pype and Bob Lichtman. The other infielders, Ogden Clemens and Norm Schmitz, while not freshmen, are newcomers to the team. This combination will help a lot in determining the season's record. Pitching remains an unknown factor. Potential hurlers include Jim Oldshue, Tom Gavin, and "Smooth" O'Connell.

Lewis intramurals swing into action

Activity on Tech's west side campus is approaching its peak with the advent of intramural sports. Table tennis tournament play began a week ago last Thursday and is now well on its way into the beginning of the second round. The participants consist of a men's and women's group. Although the girls are pretty well outnumbered, they present some very strong contenders for the title.

Probably the best match of the opening day was that between Bohm and Solomon. Both boys played rather unsteadily in the first two games and it wasn't until the last game that some real ping pong was seen. Solomon emerged victor, only after a tough battle. The scores were 21-12; 13-21; 21-18. Other scores in the men's division were Prochow over Schubert, 21-12 and 21-11; Gedman

• "Profs Now"

(Continued from page 7)

engineering. From 1908 on he was an instructor in the engineering department along with his other duties.

During his third year on the team, his fellow bone crushers began calling him "Pop" because he was the oldest man on the team. Highlight of Pop's career was in a game with Mississippi when he scored his one and only touchdown. Arkansas was ahead by a big margin and they were on the opponent's five-yard line. At this point the team decided to let Pop have the honor of carrying the ball over. Pop did it in one try.

In a game against their traditional rival, the University of

Oklahoma, another memorable experience happened to Phil. The Arkansas captain offered five dollars to any member of the team who could lay out an opposing warrior. The challenge was accepted and during the course of the game three Oklahoma men were carried from the field.

When 1912 came around Phil became assistant coach of football under Hugo Bezdek. He remained at this job for two years and then came to Armour as an instructor in Mechanical Engineering. In 1934 he became head of the ME department. In 1938 he was appointed head of the Civil Engineering department in which capacity we find him now.

Chems trounce Civils; Freshmen down Mechs

Rapidly approaching a climax, the intramural bowling tourney last week saw the elimination of the Junior Civils and an initial defeat for the Soph Mechs. Thus three teams, the Jr. Chems, the Freshmen, and the Soph Mechs are deadlocked in the tourney each with one defeat.

With the Milo Weissner bowling alleys undergoing repairs for a coming state tournament the Jr. Chems and Jr. Civils met at the Archer-35th Recreation. After the first game had ended in a tie, the Chems went on to down the Civils in two straight games by a margin of 40 to 50 pins in each case. Bill Parks of the Civils was high man with a 507 series closely followed by the Chems high man Bob Brabets with a 502.

In the week's other match, between the Mechs and the Freshmen, the Mechs went down in two straight games to meet their first defeat of the tourney. The match produced only one 700 game, that by the Freshmen in their initial effort when they hit 725.

Intramural softball regulations announced by IM manager

All games must be played the week they are scheduled. Only exception to this rule is a game which is rained out and cannot be played any other time during the week. Failure to play off as scheduled will result in a forfeit for one or both teams. In case of conflicts, see captain of opposing team and arrange date. If no date can be arranged, notify the intramural manager. All games must start ten minutes after the hour.

Scores must be turned in the day the game is played, dated and signed by the umpire.

If no umpire is scheduled for your game, you may choose an umpire agreeable to both captains. If a team believes they are the victim of a bad interpretation of the rules, they should inform the umpire that they are playing the game under protest and continue the game. Decisions cannot be protested. A team which delays the game by arguing will forfeit at the discretion of the umpire. All protests will be referred to the A. A. U. Softball rule book.

Pitching

A sixteen inch ball will be provided for all games. This is a slow pitching tournament.

Both feet must be on the rubber when the pitching motion is begun. The palm of the hand must be open and facing up when the ball leaves the hand. The elbow should not be further than six inches from the hip. Hesitation and side arm pitches are balls.

Ground Rules

When a ball hits the wire or telephone poles on the fly in the Dearborn Street field it is an automatic double. Base runners advance two bases. If ball hits the poles on the bounce standard rules apply.

SOFTBALL SCHEDULE

Tuesday, April 13, 1943

Joy Boys vs. Dodgers—4:00 P. M.

Wednesday, April 14, 1943

Arx vs. Cicco Wizards—12:00 Noon
Jr. Mechs. No. 1 vs. Soph
Chems—2:00 P. M.

Thursday, April 15, 1943

1B Co-ops. vs. Jr. Juicers—10 A.M.
Soph. Juicers vs.
Sr. Mechs.—11 A.M.
Soph. Mechs. vs. Gremlins—12 Noon
4A Co-ops vs. 3A Co-ops—2 P.M.

Friday, April 16, 1943

Jr. Chems. vs. 5A Co-ops—12 Noon
2A Co-ops vs. Soph. Civils —2 P.M.



IN THE MARINES ★

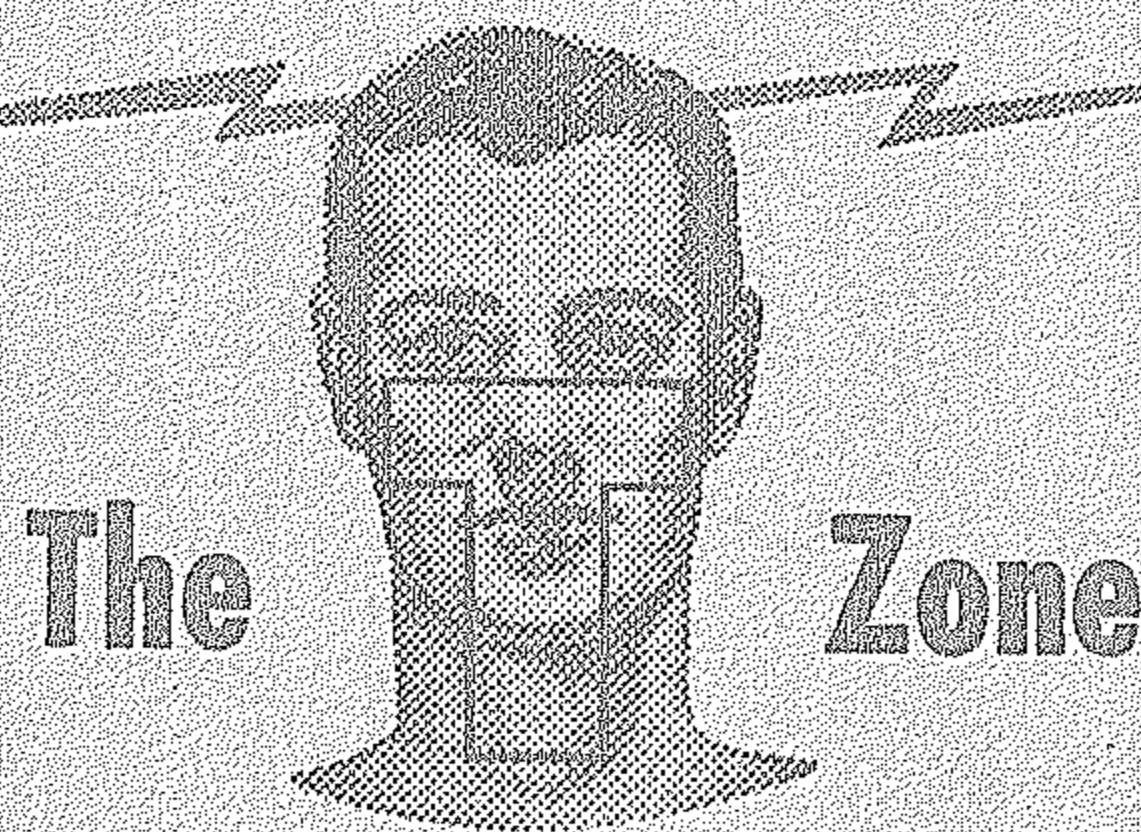
they say:

"WALKIE-TALKIE"—for signalman with portable 2-way radio set

"BOONDOCKS"—for wild country—outposts

"DING HOW"—for very good

"CAMEL"—for the favorite cigarette with men in the Marines



The Zone

—where cigarettes are judged

The "T-ZONE"—Taste and Throat—is the proving ground for cigarettes. Only *your* taste and throat can decide which cigarette tastes best to you...and how it affects your throat. For your taste and throat are absolutely individual to *you*. Based on the experience of millions of smokers, we believe Camels will suit your "T-ZONE" to a "T." Prove it for yourself!

The Walkie-Talkie 2-Way Portable Radio

CAMELS SURE ARE DING HOW! THEY'RE EXTRA MILD AND THAT RICH FLAVOR HOLDS UP PACK AFTER PACK



FIRST IN THE SERVICE

With men in the Marines, Army, Navy, and Coast Guard, the favorite cigarette is Camel. (Based on actual sales records in Canteens and Post Exchanges.)

R. T. Reynolds Tobacco Co., Winston-Salem, N. C.



Camel

The Other Side

Dr. Jakob devotes life to research

By Gerry Landsman

The second in this series of articles describing the other side of our faculty's activities will be devoted to the life and work of Dr. Max Jakob, research professor of mechanical engineering. To apply the ad-



Dr. Max Jakob

jective prolific to Professor Jakob would be a gross understatement of fact. During the course of his life Dr. Jakob has published over 150 papers on scientific research, he has published over 150 papers on scientific research. Besides accomplishing this tremendous volume of research, he has headed many scientific committees, edited periodicals and handbooks, and acted as consultant to engineering societies.

Dr. Jakob, a student of the Technische Hochschule in Munich (Royal Institute of Technology) received his Doctor of Engineering degree in 1904. Majoring in electrical engineering and applied physics, he wrote his thesis on aluminum electrolytic rectifiers. Entering industry, he held electrical engineering positions with several German and Swiss manufacturers.

Takes new post

However, in 1910 he abandoned his work on a train illumination and heavy electrical machinery to take a post as Imperial Professor in the Physikalisch-Technische Reichsanstalt which corresponds to the U. S. Bureau of Standards. Dr. Jakob founded and directed the laboratories for heat and fluid flow and later became director of the laboratories of viscosimetry and devices for the oil industry also.

During this same period Dr. Jakob was made chairman of the German Engineers Committee for Heat Research and acted as scientific adviser for the German Association of Mechanical Engineers. In 1930 Professor Jakob in conjunction with the above society founded and was the first editor of the magazine "Forschung" (Research in the Field of Engineering).

The next year he delivered a series of lectures at the University of London on the subject "Steam Research in Europe and America." In 1932 he was to add to his publication duties by becoming editor of the "Chemisch-Ingenieur," a 13 volume handbook of chemical engineering.

Tours U. S. in 1936

Returning from his many posts in Germany, Professor Jakob undertook a lecture tour of the U. S. in 1936. Among the many famous institutions of learning at which he spoke

was Armour Institute of Technology.

His lectures on this tour are published in "Mechanical Engineering." Soon after the conclusion of this tour he became director of the Heat Exchange Laboratory of the Armour Research Foundation and a research professor of mechanical engineering at IIT.

Work indicates versatility

Dr. Jakob's main field of endeavor has been in thermodynamics and heat transfer. He has accomplished a large amount of important work in such fields as steam and air at high pressure, devices for measuring thermal conductivity, the mechanism of boiling and condensation, flow in pipes and nozzles, packed and catalytic tubes, and photographic methods applied to boiling and heat radiation. The establishment of the international heat unit on electric units was the result of Dr. Jakob's suggestion.

A series of lectures given by Dr. Jakob at Purdue University

Bibb revises book on practical math

Mr. Bibb recently revised the book, "Practical Mathematics for Home Study," which he wrote some time ago with Dean Palmer, former dean of the Armour Evening School. Mr. Bibb used the book with the pre-engineers last summer. He has stated that it is already being used in the states of Georgia and Missouri to teach mathematics to servicemen.

under the title of "A Survey of the Science of Heat Transfer" has been published in their bulletin. At present Professor Jakob is doing research in heat transfer in boiler tubing, packed tubing and temperature distribution in such heat sources as electric coils. He is on the War Research Committee and has done consulting work for the War Department and various manufacturers.

Correction: In the article on Dr. Reissner appearing in the April 6 issue the name Professor Muller is incorrect. It should be Professor Muller Breslau.

MAN OF THE WEEK

Mr. Byron J. Round, one of the most active members of the junior mechanical engineering class, is this week's "Man of the Week."

Last semester, the juniors decided that he was ideally suited for the job of leading their class and elected him president of that body. Since that time he has discharged the duties of his office in an excellent manner.

Byron is the mechanical's representative on the honor board, and is also the secretary of this organization. A great deal of his time is devoted to his position as secretary of the Engineers Co-operative.

Due to his high scholastic average and his contributions to the improvement of the school and its activities, Byron has recently been initiated to the honorary mechanical engineers fraternity, Pi Tau Sigma.

As a freshman advisor, he aided in the registration and guidance of the present freshmen. He has further distinguished himself in the past two years as a member of the wrest-

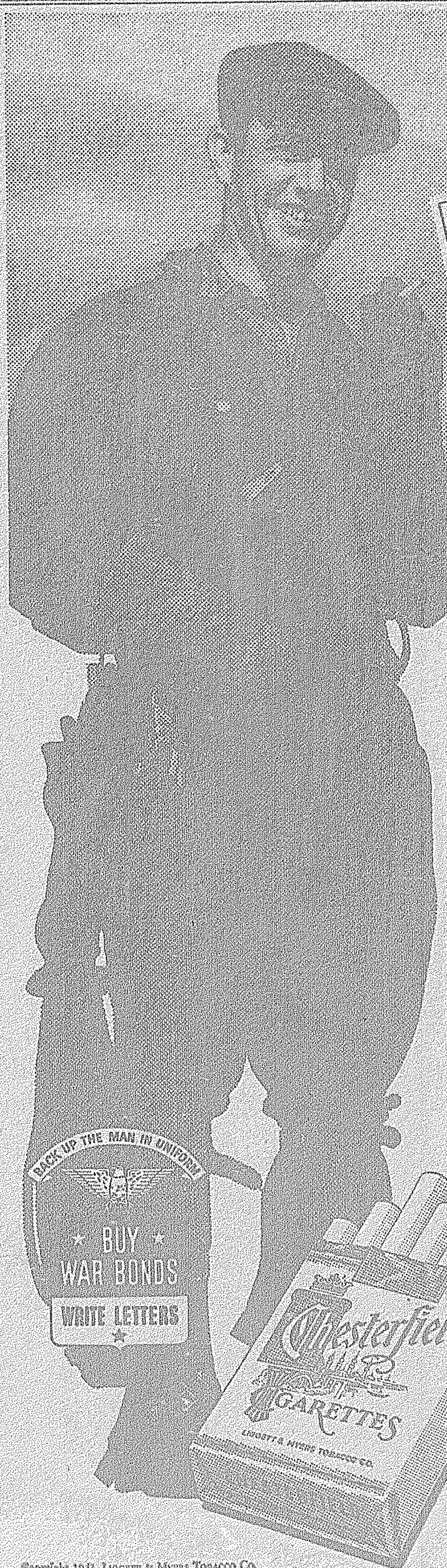


Byron Round

ling team. He has also played on all of the mech's intramural baseball and basketball teams.

Perhaps his most notable accomplishment has been outside of school life. Last week he was married to the former Miss Helen Sima.

Byron Round is an example of the outstanding students who contribute much to IIT.



Come Rain or Shine

YOU CAN DEPEND ON THE 400,000 TELEPHONE PEOPLE

who all work together to put through messages that may save a life or even a city. It is a tradition with the men and women of the telephone companies, from linemen to operators, to stick to their posts no matter what happens. The millions of us who use the telephone know how much that means.

Come Rain or Shine

YOU CAN DEPEND ON CHESTERFIELD'S

Right Combination of the world's best cigarette tobaccos to give you a **MILDER BETTER TASTE**

More and more smokers are swinging along with Chesterfield because they know they can always depend on this **MILDER, BETTER-TASTING** cigarette to give them more smoking pleasure.

Because it is made of the *right combination* of the world's best cigarette tobaccos, Chesterfield is known the world over as the cigarette that **SATISFIES**. You can't buy a better cigarette.

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