Vol. VII. No. 15

Armour Institute of Technology, Chicago, Illinois

## Tuesday, May 26, 1931

# ANNUAL BANQUET MONDAY EVENING

## Stresses and Strains Furnishes Musical Program

## MANY ALUMNI PRESENT

Last night the Armour Tech Athletic Association held its annual Armour whether they have a letter | Spanish and one classical. or not.

A. A. conceived the idea of having lot and gave its two selections in this an annual banquet in honor of the order. men who keep the athletics of Armour alive. This banquet is the second one to be given.

#### Huntley Toastmaster

The banquet took place in the College Hall of the University Club on Monday, May 25 at 6:30 P. M. At the time of writing it was planned that Professor Huntly be toastmas-Professor Huntly is president of the Board of Athletic Control. Dean Penn gave a very interesting talk. C. J. Robin, who is president of the A. T. A. A., also gave a short speech.

The music was furnished by Stresses and Strains. This orchestra played before and after the dinner and the music was greatly appreciated by the guests.

#### Many Present

Board of Control, the officers of the judges for this contest were Dr. Ray-A. T. A. A., and the athletes were mond, Dr. Protheroe, Dean Penn, and the ones who enjoyed the dinner. Professor Leigh, faculty advisor of The A. T. A. A. invited all the men the clubs. who really tried for a place on some team. In all there were 132 men, gave the final numbers and an encore. including the officers, who were invited. In addition there were over of the most successful of those in the 170 graduate members of the A. T. last few years. This success was due A. A. invited to be present if they to the hard work of the officers of the paid for their meal.

The food was fine and the enter- are: tainment excellent so that an enjoyable time was had by all. It is hoped that these banquets will be kept up and grow to be an annual affair to which every athlete looks forward.

#### Frosh Architects to Hold Informal Dance

Bids for the freshmen architects Mrs. informal are on sale. The price is \$1.50 a couple. This terpsichorean affair, as previously announced, will take place at the Club Room of the Art Institute on Friday, May 29, at 8 o'clock in the evening, The music will be furnished by the freshman maestro, Ted Cherwin, and his Blue Pheasant Inn orchestra.

The affair will be considered a restricted informal, and those desiring to attend must make reservations early. Inasmuch as the attendance is message it conveyed to us. limited to only forty couples, there will be no tickets on sale at the door.

Chairman W. Krol, states that ninety five percent of the bids are sold or reserved already.

In order to design an appropriate bid for the occasion, a competition among the boys took place last Tuesday morning. After a few hours of so much to him. intensive effort several designs were submitted to the committee in charge. The winning design was the one submitted by Ted Irion. It was considered most unique and character-

istic of the freshmen architects. For the occasion the following persons were selected to be chaperons: Mr. W. Lindsay Suter, Mr. Jay E. Petersen, both freshmen instructors; Miss Marion Rawls, Mrs. Nancy Sanders, both Librarians of the Burnham Library, Art Institute and Miss Charlotte Dodge, secretary of the

Architectural department. Bids may be procured from the following members of the committee: Goodman.

## Musical Clubs Score Triumph

Last Wednesday the Armour Tech Musical Clubs held the most successful concert in several years.

with two selections and was followed by the Glee Club.

Einest John, tenor in the Welsh graduated from Armour Institute. Male Chorus, carried the solo part

Next came the Fraternity Sing. tra Hall. In the spring of 1930 the A. T. Each fraternity received a number by

some more selections and were fol- Thursday afternoon, June 11. The

Cycles and the Sing Cup. The Honor Cycles were awarded to:

Arthur Henry Jens ..... F.P.E. 2 Charles Theodore Link...M. E. 3 Frederick Branham

Alvin Berthold Auerbach..C. E. 5 Richard Ray Eddy ..... F. P. E. 6 Frank Marshall James. F. P. E. Edward John Stehno.... E. E. Walter Martin Miran. F. P. E. 9 Walter Edwin Schirmer . F. P. E. 10 Ralph Alvin

Timmermans .....F. P. E. After these men had filed by. Dr. Raymond presented the Sing Cup to The members of the Athletic the Delta Tau Delta fraternity. The

> Ending the program the orchestra This Annual Home Concert was one

Armour Tech Musical Clubs, who

| W. A. Schrader     | President |
|--------------------|-----------|
| F. O'Conor         |           |
| F. F. Strassenburg |           |
| A. Weston          | Treasurer |
| E. W. Carlton P    |           |

hard on their parts and aim to make the musical part of Armour grow bigger and better in the future.

## Phillips Sends Letter to Students

The following letter, addressed to "The Students of Armour Institute," was received by the office of the Deans, May 12:

"My daughters and I want to thank strom have been active in athletics. you, not only for the beautiful symbolic tribute you sent for our dear one, but also for the understanding tion is one of the most important of

"In addition to these things the memory of the 'Armour boys' coming | self, are members of the Armour Athin such great numbers to pay their last respects to him will help us to

carry on. "We shall always remember your kindness and shall hold most dear the memory of a student body that meant

> "Ever sincerely from, Lillie Langdon Phillips,"

## Salamander Elects Officers for Year

Officers to head Salamander, honorary Fire Protection Engineering fraternity, for the next year were elected May 20 in the rooms of the

society in Chapin Hall. The new officers are:

W. M. Trauten, president.

G. W. Schodde, vice-president.

The retiring officers who have led Walter F. Krol, chairman, Harry the fraternity for the past year are: Green, Roy Ekroth, and William A. J. Lenke, vice-president; F. S. Austin, secretary-treasurer.

## DR. ALBERT TO SPEAK COMMENCEMENT

Complete plans for the graduation The orchestra opened the program exercises of the class of 1931 have been formulated. The seniors of this year are the thirty-fifth class to be

The Baccalaureate sermon will be in the "Italian Salad." After this the | delivered by Dr. Frederick F. Shan-Chemical Orchestra gave three selec- | non, D. D., of Central Church, on Sunday morning, June 7, at Orches-Following these were two violin tra Hall. The service will begin at solos by R. R. Eddy, director of the eleven o'clock. Parents and relatives banquet at the University Club. The Orchestra. Then, the Chemical Or- of the seniors are cordially invited to banquet is given for the athletes of chestra gave three numbers, two attend. No tickets are necessary for the Baccalaureate sermon at Orches-

#### Exercises On June 11

The commencement exercises of the After the sing the Glee Club gave graduating class of 1931 will be held lowed by Stresss and Strains. Both Armour assembly hall is the place, Doctor Raymond then awarded the ered by Dr. Allen Diehl Albert, assistant to the president of the Century of Progress Exposition.

Relatives and friends of the seniors | ers. are invited to attend the commence. ment exercises. Due to the size of the graduating class it will be necessary to secure tickets in advance.

#### Class Very Large

The thirty-fifth class to be graduated from Armour Institute is one hundred and forty strong. It is the largest graduating class to the present time.

The following men are to receive advanced degrees as shown:

|   | John J. Aeberly           | E.             |
|---|---------------------------|----------------|
|   | Mynhart O. Brueckner, Ch. | E.             |
|   | William J. Dixon C.       | E.             |
|   | Ray F. Grahn              | E.             |
|   | Edward B. Hatch, JrF. P.  | E.             |
|   | Clair L. Keene E.         | E.             |
|   | Frank M. KratoknilE.      | E.             |
|   | Frederick W. LoebE.       | E.             |
|   | William J. PollockCh.     | E.             |
| İ | Hugh G. R. QuinCh.        |                |
| ŀ | Richard R. RansonE.       | E.             |
|   | Arthur W. Sear            | $\mathbf{E}$ . |
| 1 | Walter H. Seegrist        | E.             |
| ļ | John M. SmethellsF. P.    |                |
|   | Charles R. SwinefordM.    |                |
|   | Alexander H. ZimmermanCh. | E              |
| Ì |                           |                |

## The musical organizations worked | Lind Will Head Tech Athletic Association

Friday, May 15, the students voted on the Armour Tech Athletic Association officers for next year. Stanley Lind, who was vice-president, automatically became the president for next year. The positions of first and second vice-presidents are now filled by A. W. Oberbeck and R. W. Carlstrom respectively, both sophomores. S. M. Lillis was elected secretary by "Dear Students of Armour Institute: a large majority. Oberbeck and Carl-

> The number of votes cast was very low in spite of the fact that this electhe school year. These officers, besides supervising the association itletic Control Board.

The final vote is as follows:

## First Vice-President

G. J. Beemsterboer, 49.

A. W. Oberbeck, 100.

E. E. Sademan, 65. Second Vice-President

R. W. Carlstrom, 100.

A. H. Helmick, 43. D. W. Pearson, 70.

Secretary

D. L. Jacobson, 72. S. M. Lillis, 101.

L. H. Streb, 40.

## F. P. E.'S TO SEE AIRPORT

The senior fire protects will have an inspection trip this week to Sky Harbor airport. This is a privately E. A. Scanlan, secretary-treasurer. owned airport and houses the ships of many wealthy people. The trip should furnish a good idea of the types of planes that are being used for pleasure purposes.

## Visitors 2500 See Open House

Records of attendance at the annual Open House Night were broken when a crowd of over 2,500 people viewed the Armour Institute laboratories and shops in full operation last Monday, May 18.

Every building was crowded with interested spectators from all parts of the city and many from out of town. Each exhibit and laboratory activity came in for its share of attention, particularly those in the main

Many of the visitors were prospective students of Armour Institute. Students' parents showed a great deal of interest in the work which is being performed here. Former students grasped the opportunity to visit their Alma Mater again.

Open House Night revealed to our guests the vibrating pulse of modern industry, on a small scale, in a short received encores for their excellent and four o'clock is the hour. The period of time. Its instructive value commencement address will be deliv- as well as the novelty of the event was quite evident.

The Tesla coil drew, by its racket a sizeable crowd of interested onlook-

The pouring of molten iron in the foundry was the outstanding sight in the Machinery building.

The electric laboratory demonstrated many new developments in that field while the serious antics of two members kept the crowd in a happy mood. One pretended to receive an electric shock and his partner would provide the resuscitational efforts. After a few dozen falls, the receiver was infallible in his efforts at hitting the pillow.

## Junior Formal Draws One Hundred Couples

One hundred waltzing, fox-trotting and otherwise merrily stepping couples were in attendance Friday night in the Oriental Room of the Knickerbocker. Enjoying the gayety with the rest were the chaperons, Professor and Mrs. Schommer, and Professor and Mrs. Sear.

Doug Peppard's Northwestern Troubadors supplied music that would E. | put rhythm in the most unrhythmic

Adding to the enjoyment of the social season was the entrancing lovedinner server would tickle the palate was noted for in past years." of an epicure.

financial and social success of the dinner and dance was due largely to the capable management of the irrepressible Mr. Casey, with the cooperation of his committee and class.

To the seniors who were present this formal will be treasured in their memories of the hectic last month of their years at Armour.

## LAST ISSUE OF NEWS

This is the final issue of the Armour Tech News for the present semester. The first number of Volume VIII will be published on registration day of next \*semester, September 21.

## CALENDAR

Tuesday, May 26 3:00 P. M. Baseball, DeKalb vs. Armour at Ogden Field.

Wednesday, May 27 2:00 P. M. Tennis, Lake Forest vs. Armour at Armour.

Thursday, May 28 3:00 P. M. Baseball, Lake Forest vs. Armour at Ogden Field.

Friday, May 29 10:30 A.M. Meeting, election of

in room D, Mission. 2:00 P. M. Tennis, "Y" College vs. Armour at Armour.

# ONSLAUGHT WITH SOORE OF 32

Circus Day Events Include Inter-Class Relay and Fraternity Competition

## DAILY NEWS TAKES MOVING PICTURES

#### Engineer New Is Distributed

Copies of the final issue of the Armour Engineer for this year, have been distributed. Many of the articles in the magazine are the swan song of student writers who have been active on the publications staff for the past three years.

Four articles of scientific nature are contained in the issue. One of the articles is the work of Fred Attwood, once editor of THE NEWS, entitled "A New Force in Industry." Attwood has been a regular contributor to all literary publications on the campus. His article which appears in the Engineer, is his last contribution to Armour publications, as he is being graduated in June.

views have appeared on the pages of the war spirit of the freshman, who THE NEWS for the first session, of- | under the leadership of J. A. Larson fers an article on "Radio Beacons | defeated the sophs under R. W. Carlfor Airways."

Dr. Scherger has contributed a portion of his inexhaustible store of general knowledge in an article, "The Rosenwald Museum of Science and Industry."

Next year's editor of the Engineer, M. R. Beal, is represented in the issue by an interesting article on the "Illinois Waterway."

Editor-to-be Beal recently stated to an interviewer of the NEWS:

"Fully realizing the high standards that have been set by the Engineer in the past, I am sure that the newly selected men will do all in their power to maintain such standards throughout the year 1931-32."

The retiring editor, Lenke, spoke as follows:

"I believe the men recently chosmost ambitious event of Armour's en for the executive positions on the Engineer staff will ably perform their liness of the Oriental Room, and the duties. I am sure they will maintain fine weather which prevailed. The the creditable record the Engineer

Probably the greatest interest in All the tickets were sold, and the the issue has been aroused by the beautiful, impressionistic cover design by Spencer Cone.

## Cycles Distributed Friday Afternoon

Last Friday afternoon at 3 o'clock the Cycles were distributed at the northwest end of Ogden Field. The distribution of the annuals terminated the Circus Day program.

Those who have not yet received a copy may procure it at the Cycle office in Chapin Hall. The office will be open in the morning from 10:30 to 11, and in the afternoon from 2 to 2:30 o'clock.

One of the features of this year's More Students Needed Cycle is the use of a protective cover. It is hoped that this will prolong the life of the book.

## Aurora Armour Club Banquet Date June 9

Members of the Aurora Armour Club will meet at a banquet to be held Tuesday, June 9, at the Union League Club of Aurora, Illinois

Alumni and students of Armour Tech residing in or near Aurora are eligible to attend. C. I. Carlson, M.E. on acoustics in the country.

The exurberant spirit which has permeated the atmosphere of Armour campus during the past Junior week was brought to a climax last Friday afternoon, Circus Day.

Outnumbered by the freshman, the sophomores were overwhelmed by the large score of 32-13 in the sack rush. The other events resulted in victories for the juniors in the inter-class relay, Theta Xi in the pageant, Phi Pi Phi in the fraternity relay, and Triangle in the fraternity track meet.

Leaving in their wake, tatters of what were once red and green shirts and "wounded" victims of the onslaught, the freshman galloped to victory in the rush. Previous to this, the majority of the frosh grouped in front of machinery hall, were subjected to an aerial attack of rather ancient eggs by a facetious sophomore. Failure to disclose the iden-Morton Fagen, whose dramatic re- tity of the adversary only aroused strom.

#### Theta Xi Cops Pageant As in other years, the inter-frat-

ernity pageant proved to be one of the most interesting events of the day. Competitions for the Circus Day Skin, a non-permanent trophy unless awarded three successive times to the same fraternity, were Delta Tau Delta, Theta Xi, Sigma Kappa Delta, Triangle, and Phi Kappa Sigma. Offering as their presentation, a parody concerning the recent unveiling of a memorial on the Armour campus, "The Mechanics of American Injustice," Theta Xi was awarded the skin this year. Their act was under the directorship of J. J. Casey. The stunt which Phi Kappa Sigma presented was highly praised by the spectators.

The finale of the day was the presentation of awards by President Raymond, who remarked in regard to the inter-fraternity pageant "that three main things determined the winner of the trophies; first, originality; second, general aptness as applied to school life, and third, execu-

Theta Xi received the President's trophy and Circus Day Skin; Phi Pi Phi, the circulating silver loving cup: Triangle, a silver loving cup and A. Oberbeck of that fraternity a gold medal for high point man in the fraternity meet.

S. M. Lind, M. Venema, H. Rossing, and C. J. Jens as winners in the inter-class relay were presented with silver track shoes.

The Daily News photographer took motion pictures of the rush. These will be presented in Chicago theatres during the next week.

## For Advanced Physics

A few more openings remain in the course in electron physics to be presented by Professor Thompson next fall. Special apparatus is being purchased with which the velocity. mass and charge of the electron may be measured.

Three hours a week will be spent in the laboratory and one hour for lecture. Vacuum technique, glass blowing, and various types of radiations will be studied as well as dis-11 19, will be in charge and of the stu- charges in gases. Due to the tremendofficers for A. I. E. E. | dent body, and for those who wish ous stride taken along the lines of to attend W. M. Trauten, F.P.E., '32. atomic physics and their applications should be seen. The speaker for the to modern engineering practice, the evening will be Dr. Sabin of Geneva. course should be of interest to every-Illinois, who is a leading authority one and of vital importance to electricals and chemicals.

\$2.00 Per Year

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MAY 26, 1931

No. 15

"Give me liberty or give me death." Patrick Henry. Born May 29, 1736.

## Intermission

The semester is almost over, the events of Junior are in the past, the Honor Cycles have been given out, the various athletic teams either have finished or are finishing their schedules, and with this issue the publication of the Armour Tech News for this school year is completed.

Commencement Night will soon be here and with it will come the end of the school days of the great majority of the graduating seniors. A few will go on to take academic work at other institutions but most will start the life long task of making a living. We, ourself, certainly are not in a position to offer advice to the graduates. Still we feel it fitting to point out that all authorities on the subject seem to agree that life in business or in a profession, like life in school, is largely what the individual makes of it. It can be either a pleasure or a grind depending, to a considerable extent at least, upon the attitude of the person himself.

We take this opportunity of congratulating the entire senior class upon having successfully completed its work at Armour and of wishing them the best of good fortune in the years to come. Also, at this time, we offer our best wishes particularly to those seniors who either directed or aided in the work of the Armour Tech News. It was a pleasure to work with them and it is our hope that after graduation they will continue to keep in touch with school and with the staff of the News.

Next September, those students who are not to graduate now will return to school. It will be their task to continue the work of the various organizations in which they are interested. It will also be their task to assimilate the new freshman class which will enter Armour at that time. The new men will have to be recruited by the athletic teams, the publications, or the other organizations and they must be made an integral part of the student body. This is work which can be done only by those men who are at present freshmen, sophomores, or juniors and it will be up to them to do it.

The class of 1931 has completed its work and is about to leave school for other fields of endeavor. Those of us who remain here still have duties to perform and must work together in order to accomplish them satisfactorily.

W. H. R.

When man shall have learned to look upon himself as a citizen of the universe, considered as One Commonwealth-to what a knowledge of himself will he attain! Cicero.

# "The Slipstick"

Cleave to "The Slipstick"; let the Slapstick fly where it may.

## CONTRIBUTOR'S DAY

Here they are, men, and if you don't like them it's your own fault.

## PICKLED PERKINS

There was a young fellow named Perkins, Who had a great fondness for gherkins; He went to a tea And ate twenty-three,

#### -Anonymous. \* \* \*

## ODYSSEY OF A HAT

"Where did you get that fine new hat?"

And pickled his internal workin's.

"I bought it ten years ago, Seven years ago I had it newly pressed. Three years ago it was dyed black. The year before last I had a new band put around it. Last week I exchanged it in a restaurant."

-Kiddo.

Bonnie:

The girl friend wanted to know if a stationary engineer manufactured writing materials.

# # #

-Jaesm.

## Why We Write Prelims

Pat was fortunate enough to obtain a job in a steel mill two weeks after he arrived in this country from old Erin. The very first thing the boss gave him to do was to measure an iron plate with a two-foot rule.

After a ten minute interval Pat returned with a broad grin on his face. Asked for the size, he answered:

"Well, it's the length of this rule and two widths of my hand with this stick added, and one length of my shoe and a finger."

--Chemico.

#### GOT OFF EASY

The good parson was inquiring as to how Sambo's friend came out in the court trial.

"Well, Sambo, how did Rastus make outen de trial?" "I tell yo', mister Pahson, de jedge don' gib him three months in de jail house."

"Seems to me dat dat's a mighty light sentence, ain't

.. "Yeh, dat ain't half bad but dey goin' to hang him wen de time is up."

---Skiff.

Pat and his friend were out riding when they came in sight of an old gallows. The friend, anxious to display his wit, asked:

"Pat, do yez see thot?"

"To be sure Oi do."

"And do yez know where yez'd be if th' gallows had its due?"

"Faith an' Oi do. Oi'd be here ridin' alone." -Rad.

## Capable???

At a recent banquet given by the local association of piano movers, one of the participants was heard to ask a brother piano mover:

"Could you pass me the bread?"

-W. L. S.

And Dollar Bill steps up with this time-worn prayer: Onward, onward,

> Oh time, in thy flight, Make that darn bell ring Before I recite.

Our Scotch joke specialist (who prefers to remain anonymous) writes us a long letter stating that after much investigation he has found that the one reason why the Scotchman always eats his lunch in the shade is that under those conditions his shadow cannot ask for a bite.

## POSTPONED

"Heard that your boss fell from a ladder yesterday." "Not so loud!! It happens tomorrow." -Two Bits.

Max thinks that the reason a fellow will walk a mile for a Camel is so that he can ride the rest of the way.

"Wot you say? Peddlin' papers on a nite like dis will gimme noomonia? Don't be crazy, sellin' papers keeps up de circulation."

-Bloney.

## Stop-Look-Listen-

"Hey Mike! Don't come down that ladder on the northeast corner. I took it away!"

---Cyclone.

Thanxalot for the contribs, fellas, we had the day vacation with nothing to worry about. We received quite an assortment and picked these as being among the best. Seeing as this is the last issue of the News we also wish to thank each one of you who has helped during the term. So we'll now say:

"Adios, but not goodbye." THE BONGINEER.

Inquiring Reporter What was the most interesting exhibit on Open House Night?

Harold Davidson, C. E., '34: 1 enjoyed the television demonstration immensely even though I had great difficulties pushing through the crowd in the small room. The camera used for taking micro-photographs of metal also attracted my attention.

H. P. Richter, C. E., '32: The architectural exhibition showing drawings certainly was the best exhibit of Open House Night. The life drawings attracted everybody entering the Main building.

Max J. Schinke, E. E., '32: The huge Tesla coil located in the Electrical lecture room, without a doubt proved to be the most interesting and spectacular. I believe this stunt of producing artificial lightning should have been placed in the assembly hall in order to accommodate the spectators.

H. F. Becker, F. P. E., '33: Different types of fire alarm boxes were an interesting feature in the F. P. E. department, and some of the visitors took pleasure in sounding the fire siren.

## Three Sessions Held By League Delegates

Nations Assembly was staged by delegates from the leading colleges and cosmopolitan clubs of the middle west in Mandel Hall, University of Chicago, last Monday and Tuesday.

The object of this convention was to furnish to those who realize the importance of every means of fostering more compete international understanding, an opportunity to see just what the League of Nations is accomplishing towards this end.

Representing Armour among the polyglot aggregation of delegates were: O. T. Barnett, V. Rimsha, and H. L. Gibson, chairmen of the delegations from Colombia, Latvia, and Haiti respectively.

#### FURTHER CHANGES AID IN WORK OF LABSELECTRICAL

numerous that it was finally decided of the above firm. that they should be removed.

#### Replace Open Wiring

In accordance with this plan, the open wiring was replaced with conduit which terminated at the various columns in the laboratory where the apparatus is located.

Portable blackboards have been removed from the room and permanent boards have been attached to the backs of several lamp racks, thus eliminating the unstable element which is associated with the use of garments to be put on or taken off. the portable units.

#### Improve Power Supply

The sophomore electrical engineering laboratory has also been im- tates and simulates. proved from the standpoint of flexibility in securing direct and alternating current. Outlets have been placed at all the shelves around the room and each one is marked for A representation of the League of polarity. The kind and voltage of electricity needed can be controlled from a panel in the storage battery room by clamping the proper clips on suitable studs which are placed in a fused circuit.

> fill a long felt need and their advent | the gentleman who copped this years has been greeted with favorable comment both by visitors and the students.

ARX NEWS

If it isn't one idea it is another. Granger and Bollenbacher, a city ar-One of the many major changes chitectural firm, has conceived the which have come with the renovation | idea of erecting a cooperative office of the Dynamo Laboratory, has been | building, worked on the same plan as the removal of the festoons of wire the cooperative apartments. It is which presented a very unscientific | well thought of by leading architects. and disorderly picture to the casual Plans have been made and hopes of observer. Like Topsy in "Uncle erecting it on North Michigan Avenue Tom's Cabin," these impromptu dec- | are high. If any one is interested orations "just grew" and became so they can call and see Mr. Venning

> Frank Lloyd Wright has written a new book, called "Modern Architecture." Whether you like Wright's architecture or not, you'll like thisbook. He writes in such a different style and atmosphere. We hold hopes: of getting it in the Burnham library soon. A few of the main ideas are listed below:

Principle is the safe precedent.

Human traditions, like styles, are Buildings are like trees when al-

lowtd to be themselves. Creation never imitates-Creation assimilates. . . The creature imi-

From the ground up is good sensefor building.

A preliminary study was required from the seniors, on the problem for the Architectural Sketch Club Scholarship. A judgment was held, the winner of which was to receive the two hundred and fifty dollar prizegiven by the school each year to a These improvements have come to graduating architect. Al Mell was and did he deserve it! His problem

was a beauty. That a boy! Al. Keep

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## FINAL EXAMINATIONS

Second Semester, 1930-31

Friday, June 5, 1931 8:30-10:20

Foster

Drafting Room,

Gymnasium

| Jescriptive Geometry                                  | Seegrist<br>Sear | 5th floor          |
|---|------------------|--------------------|
| Machine Design  | · <b>-</b> /     | Room D,<br>Mission |
| Chemical Engineering                                  | McCormack        | Room C,<br>Mission |
| (Junior Ch.E.)  Heating and Ventilation  (Architects) | Perry            | Room B,<br>Mission |
| <b>1</b>  |                  |                    |

10:30-12:20 Gymnasium Paul Hydromechanics Leigh Applied Mechanics Mangold Room D, Jacobson Elementary Surveying .....

Mission Room B, Strength of Materials.....Wells Mission 1:10-3:00

Gymnasium Wilcox Physics I & II Doubt Colvert Physics (Arch) Thompson

3:10-5:00 Gymnasium Tibbals Quantitative Chemistry..... Carpenter Schommer

Elements of Elect. Engrg......Richardson Room D, Mission

Saturday, June 6, 1930 8:30-10:20

... Doubt Precision of Measurements... Colvert (Physics Laboratory) Thompson \_Freud

Room D Organic Chemistry Mission 10:30-12:20

Gymnasium Engineering Mechanics .....Leigh Mangold 1 & II Monday, June 8, 1931

8:30-10:20 ... Mathematics Gymnasium Calculus II College Algebra Instructors

10:30-12:20 Analytic Geometry Mathematics Gymnasium Review Algebra Instructors Room B,

Thermodynamics Nachman Mission 1:10-3:00 Plane Trigonometry...... Mathematics

Gymnasium Applied Trigonometry..... Calculus I Instructors Steam Power Plants Nachman Room B Mission

3:10-5:00 Experimental Engineering.....Laboratory Gymnasium (Jr. ME, Jr. EE, & Jr. CE) Instructors

PLEASE REPORT ALL CONFLICTS TO THE OFFICE OF THE DEANS IMMEDIATELY

## A. I. Ch. E, Holds Seniors Inspect Annual Smoker

Wednesday evening, May 13th, the Armour branch of the American Institute of Chemical Engineers held its annual smoker at the Sigma Kappa Delta house.

Dr. C. D. Lowry Jr., of the Universal Oil Products Company, was the guest of the evening. Dr. Lowry presented a very interesting lecture on "Alchemical Abstracts." in a very humorous style.

The assembled chemicals were enlightened by Dr. Lowry on distilling operations and apparatus of the pioneer chemists. All through the progress of chemistry it is rather singular that methods of separation have not changed.

A guaranteed hair restorer, consisting of a solution made by boiling a horse's neck in a lead jar full of a oil, was described by Dr. Lowry. A method of obtaining a delicate facial rejuvenator by distilling snails was also presented for the benefit of

the "chemicals." Following the feature of the evening, entertainment of different character was presented in a group of piano selections by J. E. Westenberg

The guests of the evening of the active chapter included Dr. Lowry, Professors C. A. Tibbals and W. J. Bentley of the chemical engineering department, in addition to "Griff" of storeroom fame.

June 7, 1931.

# Telephone Plant

The senior electricals recently made an inspection trip to the Illinois Bell Telephone Company. The telephone industry deals with some very complex and advanced phases of the electrical art, and its works are always interesting and instructive exhibits of ingenuity and engineering skill to visiting students. Perhaps this fact accounts for the no absence record which seems to be concurrent with Lecky, W. H., History of European the telephone inspection trips.

Last Tuesday's trip was a visit to the long lines division, located at 225 West Washington Boulevard. Before the actual inspection began, the men assembled in the lounge for brief introductions and talk.

The first speaker dealt with equipment design, touching upon the various phases, such as construction, place of installation, and also provision for future needs. The second talk was by an "outside" man whose realm is the actual construction and maintenance of overhead wires, cable ducts, and all the other factors which play their part in telephonic communication.

operation and maintenance of the thousand cycles. many units which come under his attention. These talks afforded a better frequencies for the various services,

PHYSICS LAB CLOSES MAY 29 | Attenuation of currents is one of | The guides distributed pamphlets The physics laboratory will be the high hurdles for the telephone en- and wiring diagrams at the end of closed for this semester after May | gineer, but repeaters and amplifiers | the tour and also presented a tele-29, 1931. All reports, in order to | can usually surmount most of the | photo picture of the president of the be credited on this year's record must | difficulties. Where radio chain pro- | A. T. and T. This picture was sent be handed in on or before noon, grams are involved, these repeaters by long distance and was practically and amplifiers must be designed so perfect in every detail.

## BOOKS TO BE READ

Recommended by Professor George L. Scherger, Ph. D.

Durante, Story of Philosophy. Paulsen, Introduction to Philosophy. Paulen, System of Ethics. Westermarck, Origin and Development of Moral and Religious Ideas.

Browne, Lewis, This Believing World. William James, Varieties of Religious Experience.

Dorsey, George, Why We Behave Like Human Beings. Dimnet, Abbe, The Art of Thinking. Schopenhauer's Essays. Emerson's Essays in Compensation and Self-Reliance. Carlyle, Sartor Resartus.

Emil Ludwig, Napoleon. Emil Ludwig, Bismarck. Emil Ludwig, Goethe. John Morley, Voltaire. John Morley, Rousseau. John Morley, Gladstone. Lord Charwood, Lincoln. Carl Sandburg, Lincoln. Woodberry, Washington. Randall, Benjamin Franklin, First Civilized American. Bowers, Claude G. Jefferson and

Hamilton.

Strachey, Life of Queen Victoria. Autobiography of Herbert Spencer. Life and Letters of Charles Darwin. Life and Letters of Charles Eliot A. I. E. E. TO ELECT OFFICERS Norton. Life and Letters of Thomas Huxley.

Jeans, J., The Universe Around Us.

Eddington, The Universe Around Us. Dampier, Whetham, History of Sci-

Marcus Aurelius, Meditations. Epictetus, Handbook. Farrar, Canon, Seekers After God. Omar Kayam, Rubayat. Wordsworth, Poems. Keats, Poems. Shelley, Poems. Browning, Shorter Poems.

Tennyson, In Memoriam.

Peace.

Goethe, Faust, (Bayard Taylor's Translation). Benvenuto Cellini, Autobiography. Shakespeare, Hamlet and Macbeth. Victor Hugo, Les Miserables. Rolland, Romain, Jean Christophe. Tolstoi, Anna Karenina and War and

Dostozeski, Crime and Punishment.

Galsworthy, The Forsyth Saga.

Galsworthy, Collected Plays. Ibsen, Dolls' House and Other Plays. Trackeray, Vanity Fair. Dickens, David Copperfield. George Eliot, Romola. Lytton, Last Days of Pompeii. Scott, Ivanhoe and Talisman. White, Natural History of Selborne. Darwin, Origin of Species. Darwin, Descent of Man. Henry Fairfield Osborn, Origin and

Evolution of Life. Henry Fairfield Osborn, Men of the Old Stone Age. Travels of Marco Polo. O'Brien, Shadows in the South Seas.

Haliburton, Royal Road to Romance. Beebe, Galapagos. Beebe, Edge of the Jungle.

Morals. Lecky, W. H., A Memoir. Buckle, History of Civilization in

England. Burckhardt, Kare, The Culture of the

Renaissance. R. Green, Short History of England. Trevelyan, History of England.

Fiske, John, The Critical Period of U. S. History. Frazer, J. B., The Golden Bough (Abreviated Edition.

Neuman, E., Richard Wagner. Romain, Rolland, Beethoven. Faure, History of Art.

as to operate with a flat amplifica-The last speaker came from the tion curve over a wide range of freplant where the long lines equipment | quencies. For high class broadcasts, is operated, and his topic was on the this range is from thirty-five to eight

By using carrier waves of different understanding of the different appar- as many as seventy-two circuits can atus which was later seen on the tour. be carried on one pair of wires.

RHO DELTA RHO

at the Carleton Hotel in Oak Park on | was the speaker at the banquet giv-May 23. Professor and Mrs. Nach- en in his honor by the Chicago secman and many of the alumni chapter | tion of the American Chemical Sowere present.

DELTA TAU DELTA plunge" on Independence Day.

were down for Circus Day. is still residing at the house.

## PHI KAPPA SIGMA

The Indiana Dunes have been selected as the location of the annual | ual presentation of the medal was Phi Kap picnic, which will be held made by Professor F. C. Koch of the next Sunday, May 31. Most of the | University of Chicago. Other speakactive members of the chapter expect to attend.

#### THETA XI

Last Sunday Theta Xi had its annual Spring Picnic at the Dunes, Indiana. Everyone had a fine time. Eats were plentiful and various games were played and combats fought.

The parents of Ray Ellis came down from Petoskey, Michigan to pay a visit. Several of the other boys had their parents down for Open House and the Concert.

Election of officers of the Armour branch of the A. I. E. E. will be held next Friday, May 29, in room D, Mission building.

At the University of Idaho, seniors will wear formal attire for 1931 annual pictures instead of the traditional cap and gown.

## Gibbs Award Winner Tendered Banquet

Phoebus A. Levene, the 1931 re-A successful dinner-dance was held | cipient of the Willard Gibbs Award, ciety last Friday at the Steuben Club.

On Saturday Dr. Levene delivered Dave Baldwin, F. P. E., '30, has his formal address on "Chemical announced that he is "taking the Structure and Optical Activity" the Archibald Church Library on Mc-Stan Owens and Jeff Aplanaugh | Kinlock Campus under the auspices of the Northwestern University Med-Herman Meithe, an Illinois Delt, ical School and the Chicago section of the American Chemical Society.

At the banquet on Friday evening, Dr. Levene's subject was, "The Revolt of the Bio-Chemists." The acters were Dr. L. V. Redman, President-elect of the society, and President R. M. Hutchins of the University of Chicago.

by college graduates. A total of borsepower. 952,228 answers were received in this widely advertised competition. Thirty-eight prizes were awarded, with a first prize of \$25,000, second prize \$10,000, and the third prize \$5,000. The winners represented men and women from every walk of

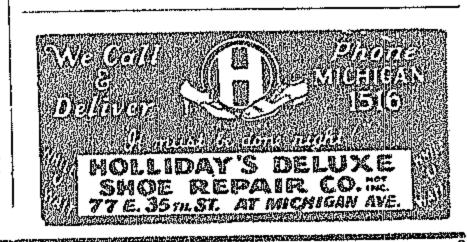
## Senior Mechanicals Have Inspection Trip

On May 14th Professor Gebhart led the senior mechanicals on a trip to the largest generating station of the Edison System. They had a very enjoyable trip for the subject was interesting and the guides were well acquainted with the plant and did not try to rush the men through.

This particular station has six turbine units ranging from 50,000 to 104,000 K. W. These are all modern turbines of the reheating-extraction type and develop a combined output of 440,000 K. W. Water is taken from the sanitary district canal and the steam reaches a temperature of 750 degrees F. in enormous boilers which are stokerfired. This steam is supplied to the turbines at a pressure of 600 pounds.

The electrical end of the installation handles 3-phase, 60 cycle, 12,800 volts.

This is the largest plant of the Edison System and cost about 45 million dollars. It has the world's record for the largest one-day out-Six of the major prizes in the put of energy and has a potential Camel Cigarette Contest were won power of almost a half a million



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For scorched or dried tobacco is brash and tasteless and its smoke is unkindly hot to the tongue and throat.

If you are already a Camel smoker you have noticed the improvement in this your favorite eigarette.

If you don't smoke Camels, try them for just one day to see how much you're missing. After you've known the mildness and delight of a really fresh cigarette, switch back if you can.

C1031, R. J. Reynolds Tobacco Company, Window-Salem, N. C.



## VARSITY HUMBLES ALUMNI SQUAD IN GAME OF ERRORS

## All Tech Runs Garnered First Four Innings

#### FINAL SCORE 9-3

A comedy of errors featured in seven episodes provided Armour fandom with the amusement at the Varsity-Alumni game last Monday. The frolic terminated 9-3 in favor of the varsity squad and would probably losses. have shown no increase in margin as Armour did all of its scoring in the first four innings.

mour the third run, thus enabling as hard this time. them to possess a 3-0 lead at the end of the second canto.

#### Lynch Hits 667

The margin was increased in dimensions again in the third inning when Omiecinski reached first on Kuehn's error and was followed by Michalski who singled to produce the first run. Young reached first after lead 7-0.

Schumacher, '23, and Rossetti, Ex., spectacular baseball drama. '29, to force the second run in, but | with a strikeout.

Armour, however, lost no time in climax to the 1931 season. regaining the two runs. Mago opened the attack in the latter part of the fourth with a single. Galvani Fraternities Advance reached first when Rossetti took a ten second vacation before he decided to throw him out. Stehno then took advantage of the Alumni's erratic fielding by pounding the ball into the infield to score Mago. Lynch and Moskowitz each produced hits and boosted Armour's score to 9. | Sigma.

## Schumacher and Samuels Star

Schumacher relief hurling coupled with Samuel's excellent performance in the first four innings was a feature in the game. Armour's varsity squad found themselves completely baffled with their eccentric twisters, straight balls and parabolic curves.

Clare Robin, reputed as Armour's crack first baseman, essayed the role of pitcher in the final innings. The result of his short performance 3-0 in the semi-finals. Delta Tau could not be improved, for he struck out all three men who faced him.

## Armour, 9

| Moskowitz, ss4  | 1 | 1 | 1 |
|-----------------|---|---|---|
| Pepe, rf4       | 1 | 1 | 1 |
| Robin, 1b, p3   | 0 | 0 | 8 |
| Mago, 3b4       | 1 | 1 | 0 |
| Omiecinski, 2b2 | 1 | 1 | 0 |
| Galvani, 2b2    | 0 | 0 | 1 |
| Stehno, cf1     | 1 | 0 | 0 |
| Sommers, cf2    | 0 | 0 | 0 |
| Reed, cf0       | 0 | 0 | 0 |
| Michalski, lf4  | i | 1 | 0 |
| Link, c2        | 2 | 0 | 5 |
| Young, c2       | 0 | 0 | 5 |
| O'Connor, ph1   | 0 | 0 | 0 |
| Lynch, p3       | 1 | 2 | 0 |
|                 |   | · |   |

#### Totals ......34 9 7 21 9 Almmani 3

| Pantannana, J            |   |   |    |
|--------------------------|---|---|----|
| ab                       | r | h | po |
| Houser, Ex '31, 3b4      | 0 | 0 | 0  |
| Jennings, '30, If, c3    | 2 | 2 | 2  |
| Kuffel, '27, cf4         | 1 | 1 | 2  |
| Hoefer, '27, c3          | 0 | 2 | 4  |
| Schumacher, '23, 2b, p 2 | 0 | 0 | 1. |
| Rossetti, Ex '29, ss2    | 0 | 0 | 0  |
| Kuehn, '23, 1b3          | 0 | 0 | 8  |
| Walk, '24, rf3           | 0 | 0 | 1. |
| Samuels, '24, 2b, p3     | 0 | 0 | 0  |
|                          |   |   |    |

6, Robin 3, Samuels 3, Schumacher 3, 6-3, 6-2.

# Final Baseball

Armour's 1931 baseball activities will come to a close this week when the squad faces DeKalb Normal at Ogden Field this afternoon, and Lake Forest College at Armour on Thurs-

last appearance of Robin, Mago, Pepe, Michalski, O'Connor, Stehno, and Link, the seven main stays of this year's team. Regardless of the outcome of these two games, Coach Krafft can well boast of a successful season, and, incidentally, the ninth consecutive season in which the number of wins exceeded the

The game with Lake Forest will undoubtedly tax our players to capacity if they expect to emerge vic-Three successive errors by the orious. Lake Forest held our men Alumni in the first inning enabled to an overtime period in the last Armour men to round the bases on game before they finally submitted two occasions. Another pair of to a defeat, and appear to be as strong errors in the second inning gave Ar- and capable of making the going just

> Krafft's selection for mound duty is Stehno. It was Stehno's good arm that held Lake Forest at bay while his teammates produced the winning run in the game of April 22, and if fate exacts no cruelties Stehno's hurling will again be looked forward to.

the Alumni attempted to execute a er's team is one of the mysteries that double play but failed miserably. Krafft has to solve, although he did Hits by Lynch and Pepe brought on | test their relative strength last Satthree more runs, placing Armour in urday. DeKalb has defeated and lost to exceedingly good teams. Jennings' single in the fourth inn- They have likewise lost to weak ing paved the way for the the vet- teams and have also scored decisive erans' scoring attack in the fourth victories. Judging from the results inning. Kuffel, '27, contributed his of their baseball adventures, the base hit to score Jennings after Ar- only prediction worthy of mention is mour loosened up its defensive tac- that the season's semi-windup will tics. Lynch then walked Hoefer, '27, provide Armour fans with a bit of

Although DeKalb may cause Krafft stopped all further scoring when he to express some uncertainty of the confined Kuehn, '28, and Walk, '24, outcome, he is exercising most of his to fly balls, and retired Samuels, '24, efforts on the coming Lake Forest game, hoping to put on a fitting

Final matches in Intrafraternity golf will be played on Wednesday, May 27. The contenders for the honors are Phi Pi Phi, and Phi Kappa

the golf matches was done on pencil and paper for only three matches were played up to the finals. The other victories were awarded because

Phi Pi Phi won the right to meet Phi Kappa Sigma by winning from Kappa Delta Tau and Sigma Kappa Delta on defaults and overwhelming Delta Tau Delta by a match score of Delta had formerly been awarded the victory over Alpha Mu because of a

Rho, 2-0. Beta Psi defaulted to the O Phi Kaps, after which Triangle was Time 0:22.7. 0 defeated 2-1 in the semi-finals. Theta 2 Xi had formerly defaulted to Tri-2 angle.

gressed quite rapidly in the last two Strauss, Y. Time-10:40.1. weeks. The winners of the Sigma Alpha Mu, Delta Tau Delta match will play Beta Psi in one semi-final while Rho Delta Rho plays the winners of Triangle and Phi Kappa Sig-

any matches yet, so their strength cannot be estimated. In first round play they were awarded the victory over Kappa Delta Tau because of a default. Phi Kappa Sigma will also Cuzry, Y; Schonmer, M; Setterburg, A. Height-5 ft. 9 in. be their first competition.

Theta Xi went down before the on-2 | slaughts of Rho Delta Rho by a score 0 of 2-0. Milevsky handily defeated er, W. Distance-101 ft. 5 in. Points not Hirsch sixth. 0 Manson, 6-1, 6-1. By a great uphill 1 battle Cannell defeated Ellis 0-6, 6-4,

Errors-Rossetti 3, Houser 2, victory over Phi Pi Phi while Sigma

# Game Thursday

day.

Thursday's game will mark the

## In Golf and Tennis

The greater share of the week in of defaults.

default.

Phi Kappa Sigma beat Rho Delta M. Time-0:52.1

Intrafraternity tennis has pro-

Phi Kappa Sigma has not played

Totals .......27 3 5 18 8 Beta Psi came through with a 2-1 Hoefer, Kuehn, Mago. Two base hits | Kappa Delta lost to Delta Tau Delta -Omiecinski, Pepe, Moskowitz, Jen-by the same score. In the last matches nings, Hoefer. Hits off Lynch-5 in | each fraternity won one single, but 6 innings, off Robin 0, off Samuels 4, Beal and Streb had little difficulty in off Schumaker 3. Struck out-Lynch defeating Timmermans and Richter,

# FINAL TRACK STANDINGS

|               | őź     | Č               | Ņ  | A.<br>In | 1.3<br>FO:       | Sea      | F F F       | Eğ.               | ijĞ.            |
|---------------|--------|-----------------|----|----------|------------------|----------|-------------|-------------------|-----------------|
| Nelson        | 29     | 15 7 12         | 20 | 19       | $11\frac{1}{2}$  | 9%       | 271/3       | 107%6             | 135%            |
| A. H. Jens 5% | 10     | $11\frac{1}{4}$ | 9  | 1.0      | 6                | 814      | 20          | 60%               | 80 %            |
| H. L. Fox     | 5      | 8               | 6  |          | ì                | 1111     | 24 1        | 35                | 5914            |
| F. M. James 2 | 5      | 5               | 10 | n-rc*    | 5                | 5        | 20%         | 32                | 52 1/4          |
| C. J. Jens 3  | 8      | 4               | 5  |          | ì                | 7        | 19          | 28                | 47              |
| Hirsch        | 3      | 41.             | 1  |          | 3/2              | 51,      | 14          | 1401              | $28\frac{9}{4}$ |
| Sademan 4"1   | 3      | 614             |    |          | 4                |          | 30%         | 18                | 2834            |
| Oberbeck      | 2      | 3 `             | 4  |          | 1                | •        | 6           | 11                | 17              |
| Hendricks     | 3      | 3               | 7  |          | <b>-</b> · ·     |          | A &····     | 13                | 13              |
| Setterberg    | 3      | 1.1/3           | 4  | -        | 1/2              | 1 1 2    | 1 1/2       | $102/_{3}$        | -12%            |
|               | 1      | 3               | 3  | Fr:      |                  | 2        | 3           | ¥                 | 12              |
|               | ĥ      | í               |    | 48757    | 1                | 4        |             | 12                | 12              |
| Manson        | 5      | 5               |    |          |                  |          |             | 10                | 10              |
| Cordes        |        |                 | 2  | _        | 1                |          | $3^{1}_{1}$ | 3                 | $6^{3}i$        |
| Helmick       | 1      |                 | า  |          |                  | 2        | 2           | 4                 | 6               |
| R. M. Krause  | ,<br>5 |                 |    |          |                  |          | -           | 5                 | 5               |
| Cunningham    | 6,9    |                 |    |          | <del></del>      | Adv reto | 4           |                   | 4               |
| Luckett—      | 9      | 1               |    |          |                  |          | ,           | 4                 | 4               |
| Anderson      | 0      |                 | 1  | _        |                  |          | 2           | 2                 | 4               |
| Barnett       | į.     | -               | •  |          |                  |          | . <b>.</b>  | 3                 | 3               |
| Miran—        | ű.     |                 |    | -        |                  |          | 1           | í                 | $\ddot{2}$      |
| Sorenson —    | ι      |                 |    |          | 1                | Torr r   | * ·         | i                 | $\bar{1}$       |
| Lind          |        | <del>+</del>    |    |          | 1                |          |             | ī                 | ī               |
| Bachman       | !      | ·               |    |          |                  |          |             | 0471/             | E 4 4 1 4       |
| Totals 33 1/3 | 89     | 71 2 3          | 73 | 29       | $33 \frac{1}{2}$ | 56       | 158%        | $385 \frac{1}{2}$ | 5441/6          |

| EVENT   | RECORD HELD BY  |   | DATE                          | PLACE  |
|---|---|---|-------------------------------|--|
| 120-yd. H. Hurdles 220-yd. L. Hurdles 440-yd. dash 440-yd. dash 880-yd. run 1 mile run 2 mile run High jump Broad jump Pole vault | E. V. McKarahan, '09 J. W. Tierney, '17 O. M. Spaid, '24 A. H. Jens, '31 G. I. Stadcker, '09 G. A. Nelson, '34 C. Long, '27 V. A. Sturm, '30 P. S. Deiwert, '28 P. S. Deiwert, '28 F. M. James, '31 E. A. Navarro, '29 G. A. Nelson, '34 E. V. McKarahan, '09 C. D. Colby, '23 Don Paul, '30 D. Skaer, '28 V. A. Sturm, '30 D. J. Paul, '30 | 10.0 sec.<br>10.0 sec.<br>10.0 sec.<br>16.2 sec.<br>25.1 sec.<br>51.4 sec.<br>51.4 sec.<br>2:02<br>4:40<br>10:39.8<br>5 ft. 10 in.<br>5 ft. 10 in.<br>921 ft. 8½ in.<br>11 ft. 1 in.<br>126 ft. | 5-29-09<br>5-19-23<br>5-17-29 | Ogden Field Stagg Field Lansing, Mich. Stagg Field Lombard Stagg Field Ogden Field Lombard Lake Forest I. A. C. Lake Forest Lansing, Mich. Late Forest Ogden Field Ogden Field Ogden Field Ogden Field Ogden Field |

## The plight of the DeKalb teach- Armour Second In Track Meet

Four teams, namely, Milwaukee State Teacher's College, Armour the meet, placing in every event and possible. slamming the javelin throw to score a total of 90 1/3 points. A. I. T. and Whitewater staged a hot battle for second place with Armour, finally making the grade by virtue of second place in the 1/2 mile relay. Armour-33 1/3, Whitewater-33. Y College of Chicago trailed in last place with 71/3 points. Milwaukee was in great form scoring 11 first places out of 15. The Teachers also won the hammer throw, an event which was not counted in the final standings.

Armour, led by the stellar Nelson, placed men in all the track events excepting the one mile run. But in the field events Armour was woefully weak, taking only one second place, two third places, and gaining one three way tie for fourth place in this section of the meet.

Nelson clipped 0.2 seconds from the Milwaukee track record in his specialty, the 220 yards low hurdles.

## SUMMMARIES

120-yard high hurdles-Won by Ninedorl W; second, Nelson, A; third Farnum, M. fourth, Oberbeck, A. Time-0:16.5. 100-yard dash -- Won by Emigh, M : second, Jens, A: third, Haendel, M; fourth, Sademan,

Mile run-Won by Foster, M; second, Stianss, Y; third, Converse, W; fourth, Markert. M. Time-4:47.6. 440-yard dash-Won by Pucel, M: second, Lamb, Y; third, Fox, A; fourth, Van Slate. 220-yard dash-Won by Emigh, M; second,

Wendt, M: third, Jens, A: fourth, Fox, A 220-yard low hurdles- Won by Nelson, A second, Burton, W; third, Farnum, M fourth, Schultz, M. Time-0:26.2. (New track

record. Former record 0:26.4.1 880-yard run-Won by Pucel, M; second, Sademan, A; third, Dahms, W; fourth Jennick, M. Time 2:08.8. Two mile run-Won by Diehl, M; second Schakelman, M; third, James, A; fourth,

Pole Vault-Won by Ninedorlis, W; second, Davidson, M; third, Ernst, M; fourth. Colwell, M. Height-11 ft. 5 in. Shot put-Won by Gerboth, M; second. Jens, A; third, Dopke, W; fourth, Ernst, M.

Distance-40 ft. 1 1-2 in. One-half mile relay-Won by Milwaukee: second, Armour; third, Whitewater. Time

Discuss throw—Won by Gerboth, M; second, Schroeder, M; third, Dahms, W; fourth, Loomer, W. Distance-127 ft. 111/2 in. Javelin throw—Won by Gerboth, M; second, Powers, M; third, Lemke, M; fourth, M. Distance-158 ft. 7 in. High jump Won by Ernst, M; second Hackett, W: third, Nelson, A: fourth, tied,

Broad Jump-Won by Ninedorl W : second. Van Slate, M; third, Nelson, A: fourth, Ashorefl. W. Distance-21 ft.

#### ARMOUR WINS AND TENNIS LOSES IN DURING THE WEEK

Armour Tech's tennis team de-Tech, Whitewater College, and Y. | feated Lake Forest College last Mon-M. C. A. College engaged in a quad- day afternoon at the Armour tennis rangular track meet at Milwaukee courts, by a score of 4-3. The teams on May 16, and finished in the order | again were handicapped by a strong named. The Teachers easily won wind, making good tennis almost im-

Captain Eddy lost to Perce of Lake Forest, the score being 3-6 and 2-6. Schirmer came through with a win to tie up the meet, defeating Dixon of Lake Forest by 6-3, 6-0. Streb put our team ahead when he defeated Maiman of Lake Forest, winning easily, 6-1 and 6-2.

Skong of Lake Forest 6-1, 2-6, and nual affair. 6-1.

In the doubles Armour won one match and Lake Forest took one. Schirmer and Timmermans defeated Price and Maiman 6-3, 6-1, but Eddy and Streb lost to Dixon and Perce of Lake Forest in a three set match, by 2-6, 6-3, and 2-6.

second match with Valparaiso last fore say good-bye to our readers. Wednesday by a score of 4 matches | However, before we close may we matches but were unable to follow fortune that we have enjoyed. To up the advantage.

## Nelson Takes First Place in Pentathlon

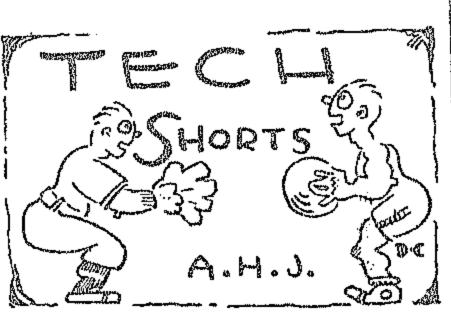
Last Friday, Circus Day, the inteam, composed of Venema, Lind, ond place without competition, the seniors and freshmen not putting in teams.

Phi Pi Phi, whose team consisted of Leichtenberg, Carlson, Gisske, and Finnegan, won the interfraternity relay, with Triangle second, and Sigma Kappa Delta third. The winning time was 1:06.7.

Nelson, the frosh trackman, won the pentathlon with a total of 4387 points. According to points, A. Jens was second and James third, with 4036 and 4031 points respectively, but because of faulty timing in the half mile, they were declared tied by the junior marshalls. Sademan came Hammer throw-Won by Irish, M: second. in fourth, Setterberg fifth, and Gerboth, M; third, Dopke, W: fourth, Loom-

## PENTATHLON (Table of Points)

|  | 100-yd.<br>daeh                                      | Shot   | 100-yd.<br>high<br>hurdies                        | Broad<br>jurep                              | 880-yd<br>dash                                    | Total<br>points                              |
|--|--|--|---|---|---|--|
| Nelson A. Jens James Sademan Setterberg Hirsch Time or distances | 962<br>981<br>917.5<br>925<br>855<br>917.5<br>9:10.2 | 570<br>538<br>545<br>570<br>468<br>510<br>27,7 ft. | 1909<br>867<br>809<br>742<br>667<br>000<br>0:14-4 | 802<br>844<br>752<br>816<br>852<br>19,5 ft. | 956<br>848<br>925<br>960<br>768<br>910<br>No time | 4887<br>4086<br>4081<br>3949<br>8569<br>8189 |



#### Farewell

This is the last issue of Tech Shorts that are to be written by the originator, A. H. J. At the end of this, the 57th consecutive presentation, you will find the name of the writer.

#### A Real Pleasure Indeed

Nothing at Armour has given us greater pleasure than to write the words for this column. We started rather modestly with only a few shorts but now the feature has extended to a full column. In the past two years many topics have been covered. The one thing that created the most discussion was the article on the death of Jim Kara. Although we intended to confine our writings to sport, many times we have divertted to other topics of the day.

#### Letter Athletes

week, we list here the men of the Triangles, the former piling up 18 graduating class who were letter points and the latter assisting with winners on athletic teams. An alphabetical listing is used:

- R. R. Eddy, Tennis
- H. L. Fox, Track
- D. J. Iverson, Track
- F. M. James, Track A. Jens, Track
- C. T. Link, Baseball
- C. C. Mago, Baseball W. M. Miran, Baseball, Basketball
- A. Montesano, Boxing S. A. Ott, Basketball
- F. Podlipec, Track C. J. Robin, Baseball, Basketball
- F. E. Rutkowski, Basketball
- W. E. Schirmer, Tennis
- E. J. Stehno, Baseball R. A. Timmermans, Tennis, Track
- H. B. Weis, Golf S. E. Pepe, Baseball

Yesterday the second annual banquet in honor of the athletes of Armour Tech was held in College The meet was again tied up when | Hall of the University Club. Great Timmermans lost to Price by 3-6, 6-8, | credit must be given to Mr. Allison but Paine won his to again put for arranging this affair; we sin-Armour ahead when he defeated cerely hope that this will be an an-

> Do you know that Tech has engaged in a total of 17 track meets this year? Of these, five have been out-of-town meets.

## Tears

And so we come to the end of our string. We cannot continue any longer as columnist because we are The Tech tennis team lost their to be graduated. We must thereto 5. Several times they had point | wish our successor the same good | 100-yard low hurdles-Won by Oberbeck, Trifulfill a promise we new reveal that our name is Arthur Henry Jens.

## LATE SPORTS

The baseball team won its tenth game of the season last Saturday by defeating De Kalb, 7-0, at Deterclass relay was won by the Junior | Kalb. "Chief" Stehno pitched the best game of his collegiate career Rossing, and C. Jens, with the time by allowing the opponents only one of 1:06. The sophomores won sec- scratch hit, while striking out ten

> Moskowitz and Link starred for Tech in hitting. The former knocked out a triple and two singles, while the latter hit a double and a single, in four times at bat.

Tech's outdoor track team ended the 1931 season by winning its James, and C. J. Jens won first fourth meet last Saturday. By scor- places for Armour. The 880-yd. ing first place in six of the twelve relay team composed of Jens, Nelevents. Armour won the eighth an- son, Fox and also Hirsch copped first nual Sears-Roebuck Y. M. C. A. track | place. meet with a total of 56 points. Searsand Concordia college finished third to three.

# TRAVELING CUP IN

## Beta Psi Place Second In Annual Track Tourney

#### MAKE FAST TIME

The Triangle fraternity copped the interfraternity track meet at Ogden field, piling up a total score of 461/2 points. Beta Psi, who won the traveling loving cup last year, was a close second, with 41 points. Sigma Kappa Delta came third with 18 points and the Phi Pi Phis were fourth with 13 counters.

Frank M. James was the starter and Harold L. Fox acted as the timer. Due to the efforts of these men the meet was run off very smoothly and quickly, no time being lost between the events.

The Triangles were not slow in showing their class. They won the first six events in quick succession. To get on with the shorts for the | Oberbeck and Lind starred for the 12 markers. Oberbeck took firsts in the 100 yard dash, the 100 yard low hurdles and the 100 yard high hurdles and he also took a second in the high jump. Lind won easily in the distance runs copping a first in the mile and half mile and also placing third in the high jump. Rossing placed first in the 440 yard dash.

> Beta Psi, again this year, presented a strong team. They piled up over half the points awarded in the field events. Setterberg won both the broad jump and the high jump. The discus throw was won by Jungles, Wagner took the pole vault and Staib placed first in the broad jump.

The Triangles started out with a rush when they placed first in the mile, the 100 yard high hurdles, the 100 yard dash, the mile, the half mile the 100 yard high hurdles, the 440 yard dash and the 100 yard low hurdles. Sigma Kappa Delta and Beta Psi were fighting for second place and it was not till the field events before the Beta Psi aggregation really started to add points in earnest.

## SUMMMARIES

160-yd. dash -- Won by Oberbeck, Triangle; second, C. Jens, Sigma kappa Delta; third, Leichtenberg, Phi Pi Phi; fourth, Gisske, Phi Pi Phi. Time-10.8.

Mile run-Won by Lind, Triangle; second. Hostetter, Beta Psi; third, Callen, Phi Pi Phi; fourth, Anderson, Beta Psi. Time-100-yard high hurdles-Won by Oberbeck. Triangle: second, Venema, Triangle: third, Stephenson, Beta Psi; fourth, Wilson, Phi

Kappa Sigma. Time-14.9. 440-yard dash-Won by Rossing, Triangle; second, Kutteruf, Sigma Kappa Delta; third. Leichtenber, Phi Pi Phi; fourth, Kenney. Triangle. Time--58.2. angle; second, Venema, Triangle; third,

Setterberg, Beta Psi; fourth, Wilson, Phi Kappa Sigma. 220-yard dash-Won by Finnegan, Phi Pi Phi: second, Rossing, Triangle; third, C. Jens, Sigma Kappa Delta; fourth, Kutteruf, Sigma Kappa Delta. Time-26.0. Half-mile run-Won by Lind, Triangle: second, Hostetter, Beta Psi; third, Anderson.

Beta Psi; fourth, Simpson, Phi Pi Phi

Shot put-Won by C. Jens, Sigma Kappa Delta; second, Miran, Beta Psi; third, Hendricks, Phi Kappa Sigma; fourth, Manson, Theta Xi. Distance 36 ft. 9 in. Broad jump-Won by Setterberg, Beta Psi: second, Staib, Beta Psi; third, Reed, Sigma Kappa Delta: fourth, Landwer, Sigma Kappa Delta. Distance-18 ft. 4 in.

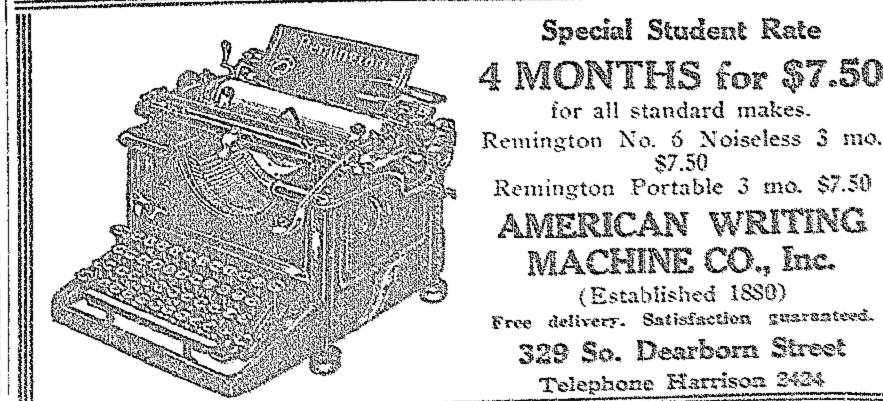
High jump—Won by Setterberg, Beta Psi: second, Oberbeck, Triangle: third, Lind, Triangle: fourth, Hendricks, Phi Kappa Sigma. Height-5 ft. 3 in. Discus throw-Won by Jungles, Beta Psi: second. Hendricks, Phi Kappa Sigma: third.

Manly, Triangle; fourth, Manson, Theta Xi. Distance-101 ft. 3 in. Pole vauit-Won by Wegner, Beta Psi; second, Hendricks, Phi Kappa Sigma: third, Stephenson, Beta Psi; fourth, Reed, Sigma Kappa Dolta. Height- 8 ft.

with 20 points.

A. H. Jens, H. L. Fox, Nelson.

The tennis team lost to Loyola last Roebuck was second with 36 points | Saturday by the score of 4 matches



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