SOPHOMORES WIN BASKETBALL SERIES
Second Year Men Champions By Easy Margin—Tirrell Stars for Sophs.

In a rather easy contest in the Gym yesterday afternoon the Sophomore basketball team, led by the Sophomore senior, defeated the Senior junior in the Sophomore Junior series with the Freshman five, with a score of 26 to 11. The first year men put up the best fight in this game out of the two played, and at the end of the first half, when the score stood 11 to 14 in the Sophs’ favor, they showed a chance of coming out on top. The usual team work of the Sophomores and their steady playing was responsi- ble for their victory.

The Freshmen had three new men playing for them, and although they are individual stars they did not show the proper team work which is needed for a winner. More, who is a sub- stitute on the first team, played left half forward, Jilson, a second team player, held the position of right guard, and O’Brien, a substitute center showed, when the position of right forward. O’Brien, the Forward, and Wilson, the basketball team, has not been playing with the basketball team, and although to be third team men, he did not show up very well, and had a number of fools.

Tirrell played his usual fast game in front, and was greatly responsible for piling up the score against the Freshmen, having caged four of the eleven baskets from the floor. Comber was there also with the goods that counted, and at all times had his eye on the ball. He had four free throws for goals and made the best of all of them, as well as dropping three- from in the floor. His work on the field was good, and his speed and, likewise, his passing was quite accurate. Left half forward, Wilson, was shown by Williams, who showed some fine ex- hibitions of dribbling, and who was.

OPTION TWO ARCHITECTS Society to Hold Meeting Friday—Tech Grad Speaks.

On Friday evening, February 23rd, the Architectural Engineering Society will hold its usual meeting in Pierce, when it is hoped that a large majority of the members can be present.

The subject, "The Relation of the Craftsman to the Architect (or, The New Profession)," will be the theme interesting one and will be discussed by a man who is eminently well fitted to talk, Mr. John D. V. Beekman, 1900, of Whidden & Company, con- tractors of Boston. The talk will be of a very practical nature and there will doubtless be many things of great value which the young architectural engineer can gain by attending.

Tickets are being sold for 25¢. However, none of the seniors in Pierce, when it is hoped that a large majority of the members can be present.

New Association of Southeastern Alumni

President Macaurain to Be Present at Opening Meeting.

Next Saturday evening in a new era for Technology in the Southeastern States, for on that day the Alumni of that section come together for the purpose of organizing a new association, the Southeastern Technology Association, with its headquarters in Birmingham, Alabama. In order to be present at this occasion President Macaurain will leave here tomorrow night and will arrive in Birmingham Saturday afternoon.

There is a large number of Tech- nology men now in that neighborhood, so that the formation of this new association will give a fine opportunity for us to get together and advance the interests of the Institute. Among the graduates directly interested in the organization is one with whom most of the undergraduates are fa- miliar, and that is Maurice Scharf.

When interviewed regarding the meeting, President Macaurain said: "There is a great commercial and in- dustrial development going on in the Southeastern States. The de- mand for highly trained men is increasing, and we wish to contribute a large share toward this. We feel it a matter of great impor- tance to form an association under such conditions as we may be kept in touch with the real needs of that section of the country."

1915 TEAM MANAGERS.

At a meeting of the Executive Commit- tee of the Freshman class yesterday noon the elections of the members of the team which will compete with the Freshman class team were held. The new football manager is C. W. Fry of East Orange, N. J. H. Cady, 1913, secretary and treasurer of the Freshman class.

CALENDAR

In Charge of F. S. Boylston, 1914.

Wednesday, February 21.
1:30—Hare and Hounds Meeting—Union.
2:00—No TIC, today.
4:15—Glee Club Practice.
6:15—Orchestra Rehearsal.
8:00—Cosmopolitan Dance—Hotel Tuller's.

ALL OUT FOR THE CHOURS TRIALS—4 P. M.
VARIATION OF THE SUN'S RADIATION

Lecture Before Society of Arts
By Mr. C. G. Abbot of Smithsonian.

Last evening President Charles R. Cross of the Society of Arts presided at their meeting held in Huntington Hall, at 8 o'clock.

Before introducing the speaker, the evening the President reviewed the work of the Smithsonian Institute, whose Astrophysical Laboratory is in Mr. Abbot's charge, and also the results obtained by his predecessor, Professor Langley, of later aerodynamic fame. Professor Langley's work as an astro-physicist, or astronomical, was valuable for his investigations of light beyond the visible red rays by means of a bolometer. This instrument is a thermometer depending upon the variation of resistance in a wire as its temperature rises and falls, which can be compared so delicately that it will record temperate variations of one hundred millionths of a degree Centigrade. Usually a less delicate indication is required. It has been by the use of both this and another rather similar instrument that Mr. Abbot has arrived at his determinations of the variations in the intensity of the sun's radiation.

Mr. Abbot explained the construction and use by himself and colleagues of the instruments on Mount Wilson, Mount Whitney, and, last summer, in Algeria. By early observations the Institute determined the radiation constant to lie between 1.52 and 1.59, values considerably smaller than had previously been supposed.

But as the observations became more frequent more or less regular variations were noticed, and it now seems probable that these variations have a period varying from two to seven days. If the computations of the results of last summer's Algerian expedition turn out as seem reasonable to expect, corresponding to results obtained in American simultaneous,(it), it will be possible to forecast temperature conditions more accurately on the earth than was ever before possible.

The variation is as high as ten per cent.

RELAY CHANCES.
(Continued from Page 1, Col. 2.)

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The Harvard two-mile team is probably one of the best that the college from across the river has ever put out. Preble, an old man at the half-mile, was the first man, who was Palmer, and a new man at the game, lost too much for the others to gain, and the team did not place. The Harvard two-mile team is probably one of the best that the college from across the river has ever put out. Preble, an old man at the half-mile, was the first man, who was Palmer, and a new man at the game, lost too much for the others to gain, and the team did not place. The Harvard two-mile team is probably one of the best that the college from across the river has ever put out. Preble, an old man at the half-mile, was the first man, who was Palmer, and a new man at the game, lost too much for the others to gain, and the team did not place. The Harvard two-mile team is probably one of the best that the college from across the river has ever put out. Preble, an old man at the half-mile, was the first man, who was Palmer, and a new man at the game, lost too much for the others to gain, and the team did not place. The Harvard two-mile team is probably one of the best that the college from across the river has ever put out. Preble, an old man at the half-mile, was the first man, who was Palmer, and a new man at the game, lost too much for the others to gain, and the team did not place. The Harvard two-mile team is probably one of the best that the college from across the river has ever put out. Preble, an old man at the half-mile, was the first man, who was Palmer, and a new man at the game, lost too much for the others to gain, and the team did not place.
**CIVILS TO INSPECT NEW STYLE BUILDING**

In Company With Boston Society Will Examine Concrete Structure.

Through the courtesy of the Concrete Engineering Company and the Boston Society of Civil Engineers, the Civil Engineering Society is invited to visit the work now under construction by said company at the corner of Porter and Orleans streets, East Boston, this afternoon, February 21, 1912.

They are erecting at this place a reinforced concrete factory building, five stories in height and covering an area sixty by two hundred feet. This work is of particular interest on account of the use by the contractors of the Ransome unit system of construction, for which they are the New England agents.

By the Ransome system all members for the proposed building except the floor slabs are cast in forms on the ground and set in place by a derrick. The floor slab, which is cast locally in the usual manner, lies on these "harts" together. In addition, decor members are grouted at their "harts" to the whole structure being thus made monolithic.

It is claimed for this method of construction that a saving of fifteen per cent. in cost is effected, that a greatly reduced construction force is needed, that they can be employed to better advantage, and that the work can be subjected to closer and better inspection than is otherwise possible. It is expected that it will be possible to use all of the several processes in operation this afternoon.

Those caring to go may report at the work at 2 P.M. with the Boston Society. Take the Eastern Tunnel car at Scollay Square to the Maverick Square outlet, and two blocks east to Porter street and two blocks south to the work. By taking a Clothiers street car one can get off at Porter street and save one-half the walk.

It is hoped that all members of the Civil Engineering Society who can will take advantage of this opportunity, and that the work can be subjected to a closer and better inspection than is otherwise possible. It is expected that it will be possible to use all of the several processes in operation this afternoon.

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The summary:

1914, Comber (Capt.) 3, Bryant 4, Freedman, 1. Referee, Williams. Score: 1914, 16; 1915, 20, 16.

The winners:

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Room 3E, at 6.10 P. M.

SOPH PHYSICS, Sec. 1—1 changed from
49 A to 8 C, on Wednesday, at
10, and Saturday, at 10. Walter
Humphreys, Registrar.

TECH BUTTONS are to be ordered
in advance by leaving name and number
desired at my office. F. H. Brown.
Bursar.

AT 221 NEWBURY ST. there are
some good rooms at low rates for the
rest of the year. See Bursar Room.

A SET of Drawing Instruments
have been found. Please apply to
the Bursar's office.

Fraternity Pin Inst. Please
to H. M. Rand, 1913.

Lost—A bunch of keys. Finder re-
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Will the man who, by mistake,
took a hat marked R. S. R., at Welles-
lsey Hills last Saturday, communicate
with me at the Cage. R. S. Rankin.

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