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RAILROADS INTEREST COURSE VI MEN.

Important Investigations Going On in
Thesis Work.

A number of Course VI seniors have taken advantage of the movement to electrify railroads by considering the electrification of systems near Boston. Hallett and Spengler are studying a schedule for the electrification of the B. & A., while Hayes and Warren are working on the practicability of the electrification of the Hoosac Tunnell.

Pierce and Kinsman are running a big efficiency test on the turbo-generator of the United Shoe Machinery Co. Place, Pattern, and Plummer, also are doing an interesting investigation, a test of the electric switching locomotives at Whitinsville, Mass.

The list of theses follows:
"The Effects of Frequency on the Dielectric Strength of Materials," by Jennings and Willey.

"The Efficiency Tests of the Turbo-generator at the United Shoe Machinery Company, at Beverly, Mass., by Kinsman and Pierce.

"A sketch of the Development of A. C. Machinery," by Kolatschewsky.

"A Study of Arcs on Air Switches," by Moreland and Anthony.

"The Electrolytic Corrosion on Steel in Reinforced Concrete," by Nichols.

"The Use of a Synchronous Motor as a Power Factor Compensator on a Boston Edison Transmission Line," by Osborne.

"A Test on Electric Switching Locomotives at Whitinsville, Mass., by Place, Patten, and Plummer.

"Current Rushes in Transformers," by Poor and Weeks.

"Time Required in Opening Various Circuit Breakers," by Slack and Tolman.

"The Electrical Resistance of Lime Joints," by Fletcher.

"The design of a hydro-electric Power Plant," by Bird and Murfey.

"The Effect of Temperature upon the Traction Coefficient of a Street Railway," by Bixby and Sloss.

"The Effect of the Neutral of Unbalancing a Three-wire Load on a Rotary Converter," by Booth and Kilburn.

"Tests on Enclosed Fuses," by Bowman and Hedge.

"Comparative Tests on Storage Batteries," by Brown and Fuller.

"Tests on a Rotary Converter Operating at Approximately Unit Power Factor," by Bullard and Gaylord.

"A Test on an Automatic Synchronizer," by Burgess and Richardson.

"The Effect of Unbalanced Pressure on the Heating of a Rotary Converter," by Davis and Reid.

"The Torque Characteristics of an A. C. Series Motor," by Fottler and Lyle.

"A Method of Improvement of Power Factor at the Gillette Safety Razor Company," by Goodman and Shalling.

"An Acceptance Test of a Turbo-generator at Manchester, N. H.," by Goodnow and McTigue.

"Test on Bitumenized Fibre," by Hale and Manning.

"A Proposed Schedule for the Electrification of the Boston and Albany Railroad," by Hallett and Spengler.

"The Practicability of the Electrification of the Warren.

NOTICES.

STEIN SONG WORDS.—Contest closes at noon today.

CLASS DAY COMMITTEE.—Meeting today at 4.30 in 26 Rogers. Picture Friday at 1 P. M. at Notman's, 384 Boylston St.

NEWTON HIGH SCHOOL CLUB.—Meeting Friday at 1.00 in 26 Rogers. All former students are requested to be present.

1911 CROSS-COUNTRY.—All candidates for the Freshman team report at the field every day. The first six men of the winning team will get their numerals.

MINING ENGINEERS.—Meeting of the Mining Engineering Society tonight at 8.00 at the Union. Mr. W. Spencer Hutchinson will speak on mining in new Ontario.

GYM MEN.—Those who took part in the gym exhibition Friday will meet Mr. Towne at the Gym today at 4 P. M. to arrange for an exhibition at the Hippodrome on Tech Night next Friday evening.

Y. M. C. A.—Members who have not received ballots may procure them at the office in 5 Eng. B today from 1 to 4.30 P. M., or tomorrow at the noon meeting. Rev. Robt. F. Leavens of Arlington St. Church will speak at the meeting tomorrow at 1.30 P. M. in Trinity Church Library.

The Technology Review

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OF TECHNOLOGY

AND
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