It is a pleasure to think of the opportunity that lie before the student of physics at the Institute. Twenty years ago Course VIII. was barely developed enough to offer serious advantages. But since that time the addition of many new subjects, the constant revision and improvement of the instruction, the new work done with the remarkable progress of science, the purchase of a rich collection of instruments and apparatus, the increased faculty and other improvements have greatly increased the usefulness of this course and made it a valuable preparation for the work of the trained physicist. I have been especially struck with the spirit of research which permeates the laboratory, in spite of its heavy duties of instruction, the number of the Department is so large as to require every man's best efforts for the success of his work. For this reason it has always been my policy to keep the laboratory in a museum where the works of the past are gathered together for exhibition. Every faculty is at hand: the exhibits in the cases, the dissections in the dissection rooms, the large numbers of models of the various classes of work, the instruments and methods of Physics and other sciences, as well as in astronomy, chemistry, botany, and geology, he will note how much the training offered by Course VIII. is admirable. The technique of accurate observation, as well as the spirit of research which pervades the laboratory, is such a broad one that it will be apparent that Course VIII. will furnish adequate preparation for the examination based upon the following general subjects: physics, chemistry, mathematics, technics, mechanical drawings, French and German.

It should be remembered that a large percentage of those who make pure mathematics their career, become instructors or teachers in schools or colleges. For this reason it has always appeared to me that the student of mathematics who wants to become a teacher of mathematics should have an opportunity for the study of advanced mathematics. (Continued on page 72.)

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