

## PREFACE.

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Early in the year 1885 the students then in attendance at the School of Practical Science organized the Engineering Society, with Professor Galbraith as president, the objects of the Society being the encouragement of original research in the science of engineering, the preservation and dissemination of the results of such research among its members, and the cultivation of a spirit of mutual assistance among the members in the profession.

Meetings of the Society are held in the School every alternate Wednesday during the session, at which papers on engineering subjects are read and discussed.

This year most of the papers have been presented to us by graduates and members of the profession, and for this kindness the Society desires to thank these gentlemen, and hopes that in the future they may continue to favor us even more than before, as by this means the student is able to gain some information as to the practical execution of work and the means of overcoming the difficulties therein met. But the Society has felt that more papers from its undergraduate members would not only be of great assistance to these gentlemen themselves, but also of great interest to the Society. To encourage this, the council of the School has decided to consider papers read by the students before the Society in the granting of honors at the annual examinations, and we therefore hope to have more undergraduate papers in our next pamphlet.

Hereafter the discussion on papers read will be published along with the papers, which will add greatly to the value of the pamphlet.

At the suggestion of Mr. T. K. Thompson, the dates of graduation of our members are given.

The present edition consists of 1,500 copies, which will be distributed among the members and engineers.

NOVEMBER, 1894.