

## Radio Lecture and Demonstration

At the regular A.I.E.E. meeting February 6, 1917, H. D. Stevers and R. G. Mathews gave a radio lecture and demonstration. The lecture by Mr. Stevers covered the theory and practice of radio work from the simplest set to the complicated commercial set of today. Diagrams and lantern slides of sets and equipment made the lecture instructive and entertaining.

Mr. Mathews had the operating end of the set to handle. The apparatus consisted of an inductively coupled receiving transformer, the latest type Paragon regenerative cabinet, audion detector, audion amplifier, and loud speaking phone. The antennae was suspended between the main building and Machinery Hall. At shortly after 9 P.M. Arlington, Virginia, Station was tuned in and could be heard with remarkable clearness thru-out the well-filled Assembly Hall. This is the United States central radio station from which are sent weather reports, time signals, and orders directing the navy fleet, etc. Next the Miami, Florida, Station was heard. This is one of the several high-power coast stations which transmits associated press news to the ocean liners at sea enabling them to have daily newspapers printed by the ships' press. Of course numerous amateurs and commercial stations came "rolling" in.

The feature of the evening was the reception of wireless telephone victrola music transmitted from a north side amateur station. Several records were played. The uncanniness of the procedure and the distinctness of the music filled those present with unmistakable awe and admiration. As some of the young men said, "Wouldn't it be great to have a dance to wireless music?"