THE COLOGNE MEETING OF THE DEUTSCHE MATHEMATIKER–VEREINIGUNG.

THE eightieth convention of German naturalists and physicians was held at Cologne, September 20–26, 1908. Mathematics and astronomy together formed one of the thirty-one sections. The total attendance was about two thousand, of which the Deutsche Mathematiker-Vereinigung as a sub-division claimed nearly one hundred.

On the evening of September 20, an informal reception was given in the Bürgergesellschaft. A general session of all the divisions took place in the Gürzenich on the following morning. After greetings from representatives of the administration and from various societies in Cologne, two papers were read : (1) The achievements and influence of Albertus Magnus (one of the founders of the ancient Cologne University); (2) Motor balloons and flying machines.

The sessions of the Vereinigung were held in the Handels-Hochschule. Under the influence of President Klein, the society devoted the meetings largely to the problems of applied mathematics, thus acting as mentor for the Naturforscherversammlung. The following papers were read :

1. H. MINKOWSKI, Göttingen, "Space and time."

2. G. HAMEL, Brünn, "The foundations of mechanics."

3. E. H. TIMERDING, Strassburg, "The historical development of the concept of force."

4. P. STÄCKEL, Karlsruhe, "Remarkable motions of the top."

5. R. v. MISES, Brünn, "Problems of technical hydromechanics."

6. F. MÜLLER, Dresden, "Plans for the publication of the works of Leonhard Euler."

7. H. WIENER, Darmstadt, "On the geometry of the binary forms."

8. H. JUNG, Marburg, "Algebraic functions of two independent variables."

9. H. REISSNER, Aachen, "Scientific problems in the mechanics of flight."

Number 8 has already appeared in the *Comptes Rendus;* numbers 2 and 4 will soon be published in the *Mathematische Annalen,* and number 5 in the *Physikalische Zeitschrift.* Ab-