THE THIRD REGULAR MEETING OF THE SOUTHWESTERN SECTION.

THE third regular meeting of the Southwestern Section of the Society was held at the University of Missouri, Columbia, Missouri, on Saturday, November 27, 1909. The following members of the Society were present:

Professor L. D. Ames, Professor W. C. Brenke, Professor E. W. Davis, Professor G. R. Dean, Professor L. M. Defoe, Mr. A. B. Frizell, Mr. E. S. Haynes, Professor E. R. Hedrick, Dr. Louis Ingold, Professor O. D. Kellogg, Professor W. H. Roever, Dr. Mary S. Walker, Dr. Paul Wernicke, and Professor W. D. A. Westfall.

The morning session was opened at 10 A.M. and the afternoon session at 2 P.M., Professor Davis presiding. Lincoln, Nebraska, was decided upon for the next meeting, and the following program committee was elected : Professor Davis (chairman), Dr. Wernicke, Professor Kellogg (secretary).

The following papers were presented :

(1) Professor G. O. JAMES : "On the reduction of time observations in vertical circle through Polaris."

(2) Professor L. D. AMES : "Some theorems of Lie on ordinary differential equations."

(3) Professor J. B. SHAW : "Scalars of lineal products."

(4) Professor M. B. PORTER : "On Fourier sequences."

(5) Dr. PAUL WERNICKE : "Note on sine theorems in hyperspace."

(6) Professor W. H. ROEVER : "The southerly deviation of falling bodies."

(7) Professor G. R. DEAN : "Stresses in an isotropic plate."

(8) Professor E. W. DAVIS : "A paradox relating to the imaginary line."

(9) Professor W. D. A. WESTFALL : "The continuity of integral rational functions of infinitely many variables."

(10) Professor H. B. NEWSON : "On linear groups in two variables."

(11) Professor W. C. BRENKE : "Summation of a series of Bessel's functions by means of an integral."

(12) Professor E. R. HEDRICK : "On a property of assemblages whose derivatives are closed."