

Physiological balance and antagonism in nutrient solutions for wheat: SAM F. TRELEASE, University of Louisville.

The last wild pigeon in Kentucky: LUCIEN BECKNER, Winchester.

The mosses of Kentucky: GEO. D. SMITH, Eastern Kentucky State Normal School, Richmond.

Unit characters in poultry: W. S. ANDERSON and J. HOLMES MARTIN, College of Agriculture, University of Kentucky.

Geology of the Carter caves: W. R. JILLSON, Frankfort.

Influence of season of calving on milk and butter production of cows: J. J. HOOPER, College of Agriculture, University of Kentucky.

Farmers' earnings and standard of living in an agricultural area of northern Kentucky: W. D. NICHOLLS, College of Agriculture, University of Kentucky.

Laboratory apparatus for the dehydration of alcohol vapors by means of the Mariller system (By title): C. C. KIPLINGER and C. S. YUEH, Mt. Union College, Alliance, Ohio.

Harvard summer school of geology, Cumberland Gap, 1875: Col. M. H. CRUMP, Bowling Green.

The constitution was amended to increase the annual dues to \$2.50. Resolutions were adopted approving the efforts of State Geologist Jillson to produce a complete topographical base map of the state; approving the work of the Society of Friends of Medical Progress; and sympathizing with Past-president A. M. Miller in his protracted illness.

Officers elected were: *President*, Professor Cloyd N. McAllister, Berea College; *vice-president*, Professor Sam F. Trelease, University of Louisville; *secretary*, A. M. Peter, University of Kentucky; *treasurer*, W. S. Anderson, University of Kentucky, Lexington; member of the publications committee, W. R. Jillson, Frankfort; representative in the council of the American Association for the Advancement of Science, A. M. Peter.

A. M. PETER,
Secretary.

LEXINGTON, KENTUCKY

THE AMERICAN MATHEMATICAL SOCIETY

THE two hundred and thirty-sixth regular meeting of the American Mathematical Society was held at Columbia University, on Saturday, May 3, 1924, extending through the usual morning and afternoon sessions. The attendance included 49 members of the society.

No meeting of the council was held. At the morning session of the society, three amendments to the by-laws were approved; the first concerned the elimination of ephemeral matter governing the business

of the society during the period of incorporation, the second permitted the council to transact business by mail under certain restrictions, and the third introduced a new class of membership, to be known as sustaining membership.

At the beginning of the afternoon session, an address was delivered by Professor J. F. Ritt, at the request of the program committee, on "Rational substitutions."

The following papers were read:

The Dirichlet problem: NORBERT WIENER.

Analytic transformations of everywhere dense point sets: PHILIP FRANKLIN.

Functions with an isolated essential singularity: PHILIP FRANKLIN.

Concerning the sum of two bounded continua irreducible between the same pair of points: J. R. KLINE.

On extending a continuous (1-1) correspondence of two plane continuous curves to a correspondence of their planes: H. M. GEHMAN.

Treatise on basis sets: MARK KORMES.

Differential combinants. Preliminary report: O. E. GLENN.

A set of invariants connected with seven points on a gauche cubic: H. S. WHITE.

A characterization of a continuous curve: R. L. MOORE.

A theorem on continua: R. L. WILDER.

A general mean-value theorem: D. V. WIDDER.

Integro-differential invariants of one-parameter groups of projective transformations of function space. Preliminary report: A. D. MICHAL.

Systems of equations in an infinite number of unknowns whose solutions involve an arbitrary parameter: J. M. SHEFFER.

Mathematical theory of competition: C. F. ROOS.

The theory of testimony. Second paper: n witnesses: J. S. TAYLOR.

Rational substitutions: J. F. RITT.

Analytic functions and periodicity: J. F. RITT.

The curvature of space-time, the electromagnetic tensor, and radiation: G. Y. RAINICH.

Note on a special congruence: MALCOLM FOSTER.

Ricci's coefficients of rotation: HARRY LEVY.

The addition of quadratic differential forms: EDWARD KASNER.

Einstein solutions in space of seven dimensions: EDWARD KASNER.

Algebras which do not possess a finite basis: J. H. M. WEDDERBURN.

A theorem on simple algebras: J. H. M. WEDDERBURN.

Green's formula: H. E. BRAY.

Functions of plurisegments: A. J. MARIA.

The next regular meeting of the Society will be in New York City, October 25, 1924. On account of the International Mathematical Congress to be held in Toronto, there will be no summer meeting.

R. G. D. RICHARDSON,
Secretary