open neck bell jar, or better, the dome of a porcelain vacuum evaporating apparatus fitted to the body with a rubber gasket forms the top of the pan. Through the upper rubber stopper passes the connection to the condenser. The apparatus is very efficient and may be used for all sorts of evaporations under diminished pressure.

CHARLES L. PARSONS,
Secretary

THE AMERICAN MATHEMATICAL SOCIETY

THE two hundred and twenty-fourth regular meeting of the American Mathematical Society was held at Columbia University, New York City, extending through the usual morning and afternoon sessions. The attendance included forty-eight members of the society. The secretary announced the election of twenty-one persons to membership in the society; twenty-two applications for membership were received.

At the meeting of the Council, a list of nominations for officers and other members of the Council was presented by the Committee on nominations, and was unanimously accepted. Ex-Secretary F. N. Cole, who has served twenty-five years as secretary of the society, was nominated for the presidency. Secretary Richardson reported that Professor Cole, while appreciating the honor done him by the nomination, found himself unable, on account of the condition of his health, to accept. The Council with regret accepted his decision, and adopted an alternative nomination presented by the committee. The following resolution was adopted:

We, the Council of the American Mathematical Society, desire to place on record an expression of our profound regret that Professor Cole feels compelled because of ill health to decline the nomination to the presidency of the Society. We believe that the members of the Society in general will share our disappointment that the opportunity is thus denied us to confer on Professor Cole the honor which would most suitably express our high esteem of him and of his signal services to the Society.

The Committee on the Cole Fund presented a report recommending that the fund be used to endow a prize to be called the Frank Nelson Cole Price in Algebra. The recommendations, which appear elsewhere in SCIENCE, were accepted by the Council.

The following papers were read at this meeting:

Parallels and geodesics in Weyl's affine geometry: EDWARD KASNER.

Einstein's equations of the second and third kinds: EDWARD KASNER.

Projective and affine geometry of paths: OSWALD VEBLEN.

Theorems on irreducible continua: G. A. PFEIFFER.

On the mapping of dyadic sets: G. A. PFEIFFER.

On the analysis situs of the plane when the (directed) line is taken as element: JESSE DOUGLAS.

Note on the integral of mean curvature over a surface: JESSE DOUGLAS.

Note on quartiles and allied measures: DUNHAM JACKSON.

Particle geometry: B. Z. LINFIELD.

On certain polar curves with applications to the location of the zeros of the pth derivative of a rational function: B. Z. LINFIELD.

On the expression of the sum of any two determinants as a determinant of more dimensions: L. H. RICE.

A Pythagorean functional equation: EINAR HILLE.

A class of functional equations. Preliminary communication: EINAR HILLE.

Oscillation theorems in the complex domain: EINAR HILLE.

Note on the internal evidence of the reliability of a test: W. L. CRUM.

The use of the median in determining indices of seasonal variation: W. L. CRUM.

A general construction for circular cubics: R. M. MATHEWS.

A theorem on conics, with applications: R. M. MATHEWS.

A property of the characteristic elements of a group: LOUIS WEISNER.

Visual intuition in Lobachevsky space: E. L. POST.

Note on a generalization of the old puzzle of 8, 5 and 3 pint vessels: ELIZABETH B. COWLEY.

The Annual Meeting of the Society will be held at Harvard University December 27-28, 1922, in connection with the meeting of the American Association for the Advancement of Science.

R. G. D. RICHARDSON,
Secretary