

SPECIAL FUNDS

(\$500 or more)

The Bôcher Memorial Prize.

This prize was founded in memory of Professor Maxime Bôcher. It is awarded every five years for a notable research memoir in analysis which has appeared during the preceding five years in a recognized journal published in the United States or Canada; the recipient must be a member of the Society, and not more than fifty years old at the time of publication of his memoir.

First (Preliminary) Award, 1923: To G. D. Birkhoff, for his memoir *Dynamical systems with two degrees of freedom*.

Second Award, 1924: To E. T. Bell, for his memoir *Arithmetical paraphrases*, and to Solomon Lefschetz, for his memoir *On certain numerical invariants with applications to abelian varieties*.

Third Award, 1928: To J. W. Alexander, for his memoir *Combinatorial analysis situs*.

Fourth Award, 1933: To Marston Morse, for his memoir *The foundations of a theory of the calculus of variations in the large in m -space*, and to Norbert Wiener, for his memoir *Tauberian theorems*.

Fifth Award, 1938: To John von Neumann, for his memoir *Almost periodic functions and groups*.

Sixth Award, 1943: To Jesse Douglas, for his memoirs *Green's functions and the problem of Plateau*, *The most general form of the problem of Plateau*, and *Solution of the inverse problem of the calculus of variations*.

Seventh Award, 1948: To A. C. Schaeffer and D. C. Spencer for their memoir *Coefficients of schlicht functions*.

Eighth Award, 1953: To Norman Levinson for his contributions to the theory of linear, nonlinear, ordinary and partial differential equations contained in his papers of recent years.

The Frank Nelson Cole Prize in Algebra.**The Frank Nelson Cole Prize in the Theory of Numbers.**

These prizes were founded in honor of Professor Frank Nelson Cole, on the occasion of his retirement as Secretary of the American Mathematical Society and Editor of the Bulletin, after twenty-five years of service; the fund was later doubled by his son, Charles A. Cole. They are awarded at five-year intervals for contributions to algebra and the theory of numbers, respectively, under restrictions similar to those for the Bôcher prize.

First Award, 1928: To L. E. Dickson, for his book *Algebra und ihre Zahlentheorie*, Zurich, 1927.

Second Award, 1931: To H. S. Vandiver, for his several papers on Fermat's last theorem published in the Transactions of the American Mathematical Society and the Annals of Mathematics during the last five years, with special reference to a

paper entitled *On Fermat's last theorem*, which appeared in volume 31 of the Transactions.

Third Award, 1939: To A. A. Albert, for his papers on the construction of Riemann matrices, published in volumes 35 and 36 of the Annals of Mathematics.

Fourth Award, 1941: To Claude Chevalley, for his paper entitled *La théorie du corps de classes*, published in volume 41 of the Annals of Mathematics.

Fifth Award, 1944: To Oscar Zariski, for four papers on algebraic varieties, published in volumes 61 and 62 of the American Journal of Mathematics and volumes 40 and 41 of the Annals of Mathematics.

Sixth Award, 1946: To H. B. Mann for his paper entitled *A proof of the fundamental theorem on the density of sums of sets of positive integers*, published in volume 43 of the Annals of Mathematics.

Seventh Award, 1949: To Richard Brauer, for his memoir *On Artin's L-series with general group characters*, published in volume 48 of the Annals of Mathematics.

Eighth Award, 1951: to Paul Erdős, for his many papers in the Theory of Numbers, and in particular for his paper, *On a new method in elementary number theory which leads to an elementary proof of the prime number theorem*, published in the Proceedings of the National Academy, vol. 35, pp. 374–385, July 1949.

The Eliakim Hastings Moore Fund.

This fund was founded in 1922 in honor of Professor Eliakim Hastings Moore, on the occasion of the twenty-fifth anniversary meeting of the Chicago Section of the American Mathematical Society. The income from the fund of \$2,575 is to be used at the discretion of the Council of the Society, for the publication of important mathematical books or memoirs, or the award of prizes.

The Marion Reilly Fund.

Dean Marion Reilly willed to the American Mathematical Society a portion of her estate to be used for the advancement of research in pure mathematics. The principal of this fund is \$23,650.

The Ernest William Brown Fund.

From the estate of Professor Ernest William Brown, a fund of \$1,000 is available, the interest on which, at the discretion of the Council, can be used for the furtherance of such mathematical interests as (a) the publication of important mathematical books, memoirs, and periodicals, and (b) lectures to be delivered on special occasions by invited guests of the Society.

The Robert Henderson Fund.

Upon his retirement from the Board of Trustees on December 31, 1940, Dr. Robert Henderson presented to the Society an unrestricted gift of \$1,000 which the Trustees have set aside as the Robert Henderson Fund.

The James K. Whittemore Fund.

From the estate of Professor James K. Whittemore, a fund of \$1,000 is available for use in the interest of mathematical research.

The Generva B. Hutchinson Fund.

A fund of \$1,000 from the estate of the late Professor Generva B. Hutchinson for use, at the discretion of the Council and Trustees, in the advancement of mathematical research.

The Helen A. Merrill Fund.

From the estate of the late Professor Helen A. Merrill, a fund of \$650 is available for use in the interest of mathematical research.

Library Proceeds Fund.

A fund of \$66,000 established by the Trustees in 1951 from the proceeds of the sale of the Society's Library.