THE APRIL MEETING IN NEW YORK

The five hundred first meeting of the American Mathematical Society was held at Columbia University in New York City on Friday and Saturday, April 23–24, 1954. About 375 persons registered, including 335 members of the Society.

In this meeting the Society associated itself with the theme of Columbia's Bicentennial Celebration—Man's Right to Knowledge and the Free Use Thereof. In celebration of this anniversary a special session was held Friday evening in the McMillin Theatre at which Professor John von Neumann delivered an address entitled *The mathematical method* upon joint invitation of the University and the Society. President Whyburn, who presided, presented a plaque to Columbia felicitating the University on its two centuries of devotion to the furtherance of wisdom and the enlightenment of mankind.

By invitation of the Committee to Select Hour Speakers for Eastern Sectional Meetings, Professor Harry Pollard of Cornell University addressed the Society Friday afternoon on *Fundamental sets of functions* and Professor F. I. Mautner of the Johns Hopkins University addressed the Society Saturday afternoon on *Fourier analysis and the theory of groups*, at sessions presided over by Professor J. F. Randolph and Professor J. L. Walsh respectively.

Sessions for contributed papers were held Friday afternoon and Saturday morning and afternoon, Professors C. E. Rickart, Eugene Lukacs, Y. W. Chen, R. D. Schafer, I. M. Sheffer, and T. W. Moore presiding.

The abstracts of contributed papers presented at the meeting follow. Those with "*t*" after the abstract number were presented by title. Where a paper with joint authorship was presented in person, (p) follows the name of the author presenting it. Dr. Moser and Mr. Shenitzer were introduced by Professor Wilhelm Magnus, Dr. Gaier by Professor J. L. Walsh, Dr. Peyerimhoff and Dr. Jurkat by Professor C. N. Moore, Mr. Maximon by Professor G. W. Morgan, Dr. Burrow by Professor Edward Rosenthal, Mr. McAuley by Professor F. B. Jones, Mr. Linis by Dr. G. H. M. Thomas, Dr. Hintikka by Dr. Hartley Rogers, and Miss Heller by Dr. Isidor Heller.

ALGEBRA AND THEORY OF NUMBERS

376*t*. H. W. Becker: *Automedian tetrahedrons*. Preliminary report.

Let $p^2+q^2=2z^2$, $p^2+r^2=2y^2$, $q^2+r^2=2x^2$. Euler's (2), p. 507, Dickson's *History* II, is provisional solution, depending further on (F) $\Delta_f=(a^2-2b^2)(c^2-2d^2)\{(a^2-2b^2)$