

II. INVITED ADDRESSES¹

- Ahlfors, L. V. **56**, 143.
 Allendoerfer, C. B. **54**, 51.
 — *Global theorems in Riemannian geometry*, **54**, 249.
 Arens, R. **56**, 365.
 Aronszajn, N. **59**, 65.
 Artin, E. **59**, 332.
 Artin, E., and Whaples, G. *Axiomatic characterization of fields by the product formula for valuations*, **51**, 469.
- Bateman, H. *The control of an elastic fluid*, **51**, 601, 1001.
 Beckenbach, E. F. **54**, 261.
 — *Convex functions*, **54**, 439.
 Bergman, S. **55**, 510.
 Bellman, R. **56**, 55.
 — *The theory of dynamic programming*, **60**, 503.
 — **60**, 516.
 Besicovitch, A. S. **55**, 263.
 — *Parametric surfaces*, **56**, 288.
 Bing, R. H. **57**, 450.
 — *Partitioning continuous curves*, **58**, 536.
 Boas, R. P. **56**, 332.
 Bochner, S. **59**, 516.
 Bohnenblust, H. F. **54**, 661.
 Borel, A. **60**, 248.
 Bourgin, D. G. **57**, 63.
 — *Classes of transformations and bordering transformations*, **57**, 223; **58**, 696.
 Brauer, A. **56**, 320.
 Brauer, R. **52**, 581.
 — **54**, 1043.
 Bruck, R. H. **56**, 45.
 — *An extension theory for a certain class of loops*, **57**, 11.
 Busemann, H. **55**, 61.
 — *The geometry of Finsler spaces*, **56**, 5.
- Cairns, S. S. *The triangulation problem and its role in analysis*, **52**, 545.
 — **52**, 581.
- Cartan, H. **59**, 516.
 Cesari, L. **55**, 263.
 — *Area and representation of surfaces*, **56**, 218.
 Chandrasekhar, S. **53**, 241.
 — *The transfer of radiation in stellar atmospheres*, **53**, 641, 1196.
 Chern, S. S. **51**, 834.
 — *Some new viewpoints in differential geometry in the large*, **52**, 1.
 Chevalley, C. **53**, 715.
 Chow, W. L. **59**, 232.
 Chowla, S. **56**, 143.
 — *The Riemann zeta and allied functions*, **58**, 287.
 van der Corput, J. G. **57**, 76.
 Coxeter, H. S. M. **54**, 648.
 — *Self-dual configurations and regular graphs*, **56**, 413.
 Cramér, H. **53**, 242.
- Dieudonné, J. A. **59**, 372.
 — *Recent developments in the theory of locally convex vector spaces*, **59**, 495.
 Dilworth, R. P. **52**, 598.
 Doob, J. L. **52**, 965.
 — *Probability in function space*, **53**, 15.
- Eilenberg, S. **51**, 834.
 — *Topological methods in abstract algebra. Cohomology theory of groups*, **55**, 3.
 Erdélyi, A. **57**, 297.
 — *The analytic theory of systems of partial differential equations*, **57**, 339.
 Erdős, P. **60**, 21.
- Federer, H. **57**, 260.
 — *Measure and area*, **58**, 306.
 Feller, W. **51**, 26.
 — *The fundamental limit theorems in probability*, **51**, 800.
 Fenchel, W. **56**, 365.
 — *On the differential geometry of closed space curves*, **57**, 44.

¹ Where title of address is not given, the reference is to the Report of the Meeting at which the address was given.

- Forsythe, G. E. 58, 559.
 — *Solving linear algebraic equations can be interesting*, 59, 299.
- Fox, R. H. 56, 33.
- Frame, J. S. 56, 242.
- Givens, W. 59, 52.
- Gleason, A. M. 59, 141.
- Gödel, K. 58, 158.
- Goldstine, H. H. 59, 52.
- Hall, M. 54, 66.
- Halmos, P. R. 55, 54.
 — *Measurable transformations*, 55, 1015.
- Hedlund, G. A. 55, 1036.
- Heins, M. H. 57, 110.
 — See Morse, M.
- Hestenes, M. R. 55, 714.
- Hewitt, E. 56, 456.
- Hildebrandt, T. H. 54, 261.
 — *Integration in abstract spaces*, 59, 111.
- Hille, E. 55, 263.
 — *Lie theory of semi-groups of linear transformations*, 56, 89.
- Hochschild, G. P. 58, 159.
- Hopf, H. 57, 174.
- Householder, A. S. 55, 706.
 — 60, 45.
 — *Generation of errors in digital computation*, 60, 234.
- Huff, G. B. 57, 250.
 — *On the existence of plane curves with prescribed singularities*, 57, 411.
- Hurewicz, W. 51, 834.
- Hyers, D. H. *Linear topological spaces*, 51, 1, 1001.
- James, R. D. 54, 827.
 — *Recent progress in the Goldbach problem*, 55, 246.
 — 60, 516.
- Jessen, B. 55, 1036.
- Jones, F. B. 55, 1036.
 — *Concerning aposyndetic and non-aposyndetic continua*, 58, 137.
- Kac, M. 55, 263.
 — *Probability methods in some problems of analysis and number theory*, 55, 641.
- Kakutani, S. 58, 159.
- Kaplansky, I. 54, 648.
 — *Topological rings*, 54, 809.
- Kelley, J. L. 58, 50.
- Klee, V. L. 60, 472.
- Kleene, S. C. 60, 355.
- Kolchin, E. R. 58, 440.
- Lehmer, D. H. 54, 78.
- Leontieff, W. 60, 126.
 — *Mathematics in economics*, 60, 215.
- Leray, J. 59, 39.
- Lewy, H. 52, 48.
 — *Water waves on sloping beaches*, 52, 737.
- Loève, M. M. 59, 75.
- Loewner, C. 54, 623.
 — *Some classes of functions defined by difference or differential inequalities*, 56, 308.
 — 60, 516
- Lonseth, A. T. 51, 834.
 — 59, 449.
 — *Approximate solutions of Fredholm-type integral equations*, 60, 415.
- Loomis, L. H. 57, 260.
- McCoy, N. H. 53, 460.
 — *Subdirect sums of rings*, 53, 856.
- McKinsey, J. C. C. 58, 62.
 — *Some notions and problems of game theory*, 58, 591.
- McShane, E. J. 57, 450.
- MacDuffee, C. C. *On the composition of algebraic forms of higher degree*, 51, 198.
- Mackey, G. W. 55, 679.
 — *Functions on locally compact groups*, 56, 385.
- MacLane, S. 55, 54.
 — *Duality for groups*, 56, 485.
- Mandelbrojt, S. 54, 66.
 — *Analytic continuation and infinitely differentiable functions*, 54, 239.
- Martin, M. H. *Riemann's method and the problem of Cauchy*, 57, 238.
 — 57, 250.
- Massey, W. S. 59, 331.
 — *Some new algebraic methods in topology*, 60, 111.
- Mautner, F. I. 60, 329.
- Mickle, E. J. 55, 706.

- Moise, E. E. 58, 613.
 Montgomery, D. 57, 450.
 Moore, R. L. 54, 1044.
 Mordell, L. J. 57, 110.
 Morse, A. P. 53, 242.
 Morse, M. 52, 581.
 — 58, 439.
 — 59, 141.
 Morse, M., and Heins, M. *Topological methods in the theory of functions of a complex variable*, 53, 1.
 Morse, P. M. 54, 261.
 — *Mathematical problems in operations research*, 54, 602, 1192.
 Myers, S. B. 55, 522.
 — *Normed linear spaces of continuous functions*, 56, 233.
- Nakayama, T. 57, 167.
 Nehari, Z. 57, 167.
 — *Bounded analytic functions*, 57, 354.
 Neugebauer, O. E. 54, 623.
 — *Mathematical methods in ancient astronomy*, 54, 1013.
 von Neumann, J. 51, 26.
 — 59, 141.
 — 60, 329.
 Neyman, J. 51, 493.
 Niven, I. 57, 367.
 — *The asymptotic density of sequences*, 57, 420.
- Oxtoby, J. C. 58, 38.
 — *Ergodic sets*, 58, 116.
- Pall, G. 51, 22.
 — *The arithmetical invariants of quadratic forms*, 51, 185.
 Parker, W. V. 56, 320.
 — *Characteristic roots and field of values of a matrix*, 57, 103.
 Perlis, S. 56, 242.
 Pettis, B. J. 60, 45.
 Phillips, R. S. 60, 516.
 Pollard, H. 60, 329.
 Pólya, G. 51, 493.
- Rademacher, H. A. 51, 834.
 Radó, T. 52, 36.
 Reichelderfer, P. V. 53, 234.
 — *The essential part of a surface*, 53, 845.
 Reidemeister, K. W. 55, 679.
 — *Complexes and homotopy chains*, 56, 297.
 Reissner, E. 54, 462.
 — *Boundary value problems in aerodynamics of lifting surfaces in non-uniform motion*, 55, 825.
 Rickart, C. E. 57, 58.
 — *Isomorphisms of infinite-dimensional analogues of the classical groups*, 57, 435.
 Riesz, M. 53, 726.
 Robbins, H. E. 58, 50.
 — *Some aspects of the sequential design of experiments*, 58, 527.
 Roberts, J. H. 55, 666.
 Rosenbloom, P. C. 60, 60.
 Rothe, E. H. 58, 152.
 — *Gradient mappings*, 59, 5.
- Salem, R. 55, 39.
 — *Convexity theorems*, 55, 851.
 Samelson, H. 56, 353.
 — *Topology of Lie groups*, 58, 2.
 Schiffer, M. M. 60, 75.
 — *Variation of domain functionals*, 60, 303.
 Schilling, O. F. G. 52, 594.
 — *Ideal theory on open Riemann surfaces*, 52, 945.
 Schoenberg, I. J. 51, 834.
 — 58, 493.
 — *On smoothing operations and their generating functions*, 59, 199.
- Segal, I. E. 57, 283.
 Seidenberg, A. 53, 731.
 Selberg, A. 56, 332.
 Shiffman, M. 53, 715.
 Siegel, C. L. 56, 249.
 Slater, J. C. 52, 36.
 — *Physics and the wave equation*, 52, 392.
 Smiley, M. F. 56, 242.
 — *Some questions concerning alternative rings*, 57, 36.
 Snapper, E. 59, 388.
 — *Equivalence relations in algebraic geometry*, 60, 1.
 Spencer, D. C. 53, 238.
 — *Some problems in conformal mapping*, 53, 417.

- Steenrod, N. E. **53**, 726.
- Stewart, H. J. *Hydrodynamic problems arising from the investigation of the transverse circulation in the atmosphere*, **51**, 781.
- Stone, M. H. **52**, 965.
- Szegö, G. **51**, 39.
 — *On the capacity of a condenser*, **51**, 325.
- Tarski, A. **58**, 613.
- Thrall, R. M. **55**, 706.
- Tukey, J. W. **55**, 706.
- Uhlenbeck, G. E. **57**, 110.
- Ulam, S. M. **52**, 36.
 — **58**, 472.
- Wallace, A. D. **52**, 402.
 — **60**, 126.
- Walsh, J. L. *Taylor's series and approximation to analytic functions*, **52**, 572.
 — **57**, 110.
- Warschawski, S. E. **53**, 234.
- Waterman, A. T. **60**, 126.
 — *The National Science Foundation Program in Mathematics*, **60**, 207.
- Weil, A. **54**, 480.
- Weinstein, A. **58**, 379.
 — *Generalized axially symmetric potential theory*, **59**, 20.
- Wendel, J. G. **60**, 516.
- Weyl, H. **55**, 262.
 — *Ramifications, old and new, of the eigenvalue problem*, **56**, 115.
- Whaples, G. See Artin, E.
- White, P. A. **60**, 386.
 — *Regular convergence*, **60**, 431.
- Whitehead, G. W. **57**, 450.
- Whitehead, J. H. C. **53**, 32.
 — *Combinatorial homotopy*. I, **55**, 213.
 — *Combinatorial homotopy*. II, **55**, 453.
- Whitney, H. **52**, 965.
- Whyburn, G. T. **56**, 142.
- Widder, D. V. **60**, 126.
 — *The convolution transform*, **60**, 444.
- Wiener, N. **56**, 142.
 — *Problems of sensory prosthesis*, **57**, 27.
- Wilder, R. L. **59**, 141.
 — *The origin and growth of mathematical concepts*, **59**, 423.
- Wilks, S. S. **53**, 1102.
 — *Order statistics*, **54**, 6.
- Wolf, F. **51**, 39.
- Woodbury, M. A. **55**, 706.
- Youngs, J. W. T. **54**, 1044.
 — *Topological methods in the theory of Lebesgue area*, **56**, 17.
- Zariski, O. **53**, 1101.
- Zygmund, A. **59**, 516.