

## Papers for 18.915

- 1951 J.-P. Serre, *Homologie singulière des espaces fibrés. I, Applications*, Annals of Mathematics **54** (1951) 425–505.
- 1953 J.-P. Serre, *Cohomologie modulo 2 des complexes d'Eilenberg-MacLane*, Commentarii Mathematici Helvetici **27** (1953) 198–232.
- 1953 A. Borel, *La cohomologie mod 2 de certains espaces homogènes*, Commentarii Mathematici Helvetici **27** (1953) 165–197.
- 1954 R. Thom, *Quelques propriétés globales des variétés différentiables*, Commentarii Mathematici Helvetici **28** (1954) 17–86.
- 1955 P. J. Hilton, *On the homotopy groups of the union of spheres*, Journal of the London Mathematical Society **30** (1955) 154–172.
- 1956 J. W. Milnor, *On manifolds homeomorphic to the 7-sphere*, Annals of Mathematics **64** (1956) 399–405.
- 1957 J. W. Milnor, *The geometric realization of a semi-simplicial complex*, Annals of Mathematics **65** (1957) 357–362.
- 1958 A. Dold, *Homology of symmetric products and other functors of complexes*, Annals of Mathematics **68** (1958) 54–80.
- 1958 J. Milnor, *The Steenrod algebra and its dual*, Annals of Mathematics **67** 1958 150–171.
- 1958 J. C. Moore, *Semi-simplicial complexes and Postnikov systems*, 1958 Symposium internacional de topología algebraica International, Universidad Nacional Autónoma de México and UNESCO, Mexico City, 1958.
- 1960 J. F. Adams, *On the non-existence of elements of Hopf invariant one*, Annals of Mathematics **72** (1960) 20–104.
- 1960 M. A. Kervaire, *A manifold which does not admit any differentiable structure*, Commentarii Mathematici Helvetici **34** (1960) 257–270.
- 1961 M. F. Atiyah and F. Hirzebruch, *Charakteristische Klassen und Anwendungen*, Enseignement Math. (2) **7** (1961) 188–213.
- 1962 E. H. Brown, Jr., *Cohomology theories*, Annals of Mathematics **75** (1962) 467–484.
- 1963 M. A. Kervaire and J. W. Milnor, *Groups of homotopy spheres, I.*, Annals of Mathematics **77** (1963) 504–537.
- 1964 M. F. Atiyah, *K-theory*, Notes by D. W. Anderson, Second edition, Advanced Book Classics, Addison-Wesley Publishing Company, 1989.
- 1965 C. T. C. Wall, *Finiteness conditions for CW-complexes*, Annals of Mathematics **81** (1965) 56–69.

- 1966 J. F. Adams, *On the groups  $J(X)$ . IV*, *Topology* **5** (1966) 21–71.
- 1966 J. F. Adams and M. F. Atiyah, *K-theory and the Hopf invariant*, *The Quarterly Journal of Mathematics*, Oxford **17** (1966) 31–38.
- 1967 D. G. Quillen, *Homotopical algebra*, Springer Lecture Notes in Mathematics **43**, 1967.
- 1968 G. Segal, *Classifying spaces and spectral sequences*, Institut des Hautes Études Scientifique Publications Mathématiques **34** (1968) 105–112.
- 1971 D. G. Quillen, *The spectrum of an equivariant cohomology ring. I*, *Annals of Mathematics* **94** (1971) 549–572.
- 1972 E. Dror, *Acyclic spaces*, *Topology* **11** (1972) 339–348.
- 1972 J. P. May, *The geometry of iterated loop spaces*, Springer Lectures Notes in Math. **271**, 1972.
- 1972 D. G. Quillen, *On the cohomology and K-theory of the general linear groups over a finite field*, *Annals of Mathematics* **96** (1972) 552–586.
- 1973 D. G. Quillen, *Higher algebraic K-theory I*, Algebraic K-theory I, Battelle Institute Conference 1972, Springer Lecture Notes in Math. **341** (1973) 85–147.
- 1973 G. Nishida, *The nilpotency of elements of the stable homotopy groups of spheres*, *Journal of the Mathematical Society of Japan* **25** (1973), 707–732.
- 1974 J. F. Adams, *Stable homotopy and generalised homology*, reprint of the 1974 original, Chicago Lectures in Mathematics, University of Chicago Press, Chicago, IL, 1995.
- 1974 J. W. Milnor and J. D. Stasheff, *Characteristic Classes*, *Annals of Mathematics Studies* **76** (1974).
- 1975 J. C. Becker and D. H. Gottlieb, *The transfer map and fiber bundles*, *Topology* **14** (1975) 1–12.
- 1980 M. Goresky and R. MacPherson, *Intersection homology theory*, *Topology* **19** (1980) 135–162.
- 1985 F. Waldhausen, *Algebraic K-theory of spaces*, Algebraic and geometric topology (New Brunswick, N.J., 1983), Lecture Notes in Math. 1126 (1985) 318–419.
- 1998 M. J. Hopkins and J. H. Smith, *Nilpotence and stable homotopy theory. II*, *Ann. of Math.* **148** (1998) 1–49.

July, 2005