

J. P. May

REFERENCES

- [1] The cohomology of restricted Lie algebras and of Hopf algebras. *Bull. Amer. Math. Soc.* 71(1965), 372–377.
- [2] The cohomology of the Steenrod algebra; stable homotopy groups of spheres. *Bull. Amer. Math. Soc.* 71(1965), 377–380.
- [3] The cohomology of restricted Lie algebras and of Hopf algebras. *J. Algebra* (1966), 123–146.
- [4] The cohomology of augmented algebras and generalized Massey products for DGA-algebras. *Trans. Amer. Math. Soc.* 122(1966), 334–340.
- [5] Simplicial objects in algebraic topology. D. Van Nostrand 1967; reprinted by the University of Chicago Press 1982 and 1992. (161 pages)
- [6] The cohomology of principal bundles, homogeneous spaces, and two-stage Postnikov systems. *Bull. Amer. Math. Soc.* 74(1968), 334–339.
- [7] Categories of spectra and infinite loop spaces. *Lecture Notes in Mathematics* Vol. 99. Springer-Verlag 1969, 448–479.
- [8] Matric Massey products. *J. Algebra* 12(1969), 533–568.
- [9] Some remarks on the structure of Hopf algebras. *Proc. Amer. Math. Soc.* 23(1969), 708–713.
- [10] A general algebraic approach to Steenrod operations. *Lecture Notes in Mathematics* Vol. 168. Springer-Verlag 1970, 153–231.
- [11] Homology operations on infinite loop spaces. *Proceedings of Symposia in Pure Mathematics* Vol. 22. Amer. Math. Soc. 1971, 171–186.
- [12] The geometry of iterated loop spaces. *Lecture Notes in Mathematics* Vol. 271. Springer-Verlag 1972. (ix + 175 pages)
- [13] E_∞ spaces, group completions, and permutative categories. *London Math. Soc. Lecture Notes Series* Vol. 11, 1974, 61–93.
- [14] (with V. K. A. M. Gugenheim). On the theory and applications of differential torsion products. *Memoirs Amer. Math. Soc.* No. 142, 1974. (vi + 103 pages)
- [15] Classifying spaces and fibrations. *Memoirs Amer. Math. Soc.* No. 155, 1975. (xi + 98 pages)
- [16] Problems in infinite loop space theory. *Sociedad Matematica Mexicana. Notas de Matematicas y Simposia*, No. 1, 1975, 111–125.
- [17] (with F. R. Cohen and T. J. Lada). The homology of iterated loop spaces. *Lecture Notes in Mathematics* Vol. 533. Springer-Verlag 1976. (vii + 490 pages)
- [18] Infinite loop space theory. *Bull. Amer. Math. Soc.* 83(1977), 456–494.
- [19] (with A. Zabrodsky). $H^*Spin(n)$ as a Hopf algebra. *J. Pure and Appl. Algebra.* 10(1977), 193–200.
- [20] (with contributions by F. Quinn, N. Ray, and J. Tornehave). E_∞ ring spaces and E_∞ ring spectra. *Lecture Notes in Mathematics* Vol. 577. Springer-Verlag 1977. (268 pages)
- [21] H_∞ ring spectra and their applications. *Proceedings of Symposia in Pure Mathematics* Vol. 32 Part 2. Amer. Math. Soc. 1978, 229–243.
- [22] (with R. Thomason). The uniqueness of infinite loop space machines. *Topology* 17(1978), 205–224.
- [23] The spectra associated to permutative categories. *Topology* 17(1978), 225–228.
- [24] The spectra associated to \mathcal{I} -monoids. *Math. Proc. Camb. Phil. Soc.* 84(1978), 313–322.
- [25] A_∞ ring spaces and algebraic K -theory. *Lecture Notes in Mathematics* Vol. 658. Springer-Verlag 1978, 240–315.
- [26] (with F. R. Cohen and L. R. Taylor). Splitting of certain spaces CX . *Math. Proc. Camb. Phil. Soc.* 84(1978), 465–496.
- [27] (with F. R. Cohen and L. R. Taylor). Splitting of some more spaces. *Math. Proc. Camb. Phil. Soc.* 86(1979), 227–236.
- [28] Infinite loop space theory revisited. *Lecture Notes in Mathematics* Vol 741. Springer-Verlag 1979, 625–642.
- [29] Applications and generalizations of the approximation theorem. *Lecture Notes in Mathematics* Vol. 763. Springer-Verlag 1979, 38–69.
- [30] Book review: Infinite loop spaces by J.F. Adams. *Bull. Amer. Math. Soc.* 1(1979), 642–646.
- [31] Fibrewise localization and completion. *Trans. Amer. Math. Soc.* 258(1980), 127–146.
- [32] Pairings of categories and spectra. *J. Pure and Applied Algebra* 19(1980), 299–346.

- [33] (with F. R. Cohen and L. R. Taylor). $K(Z, 0)$ and $K(Z_2, 0)$ as Thom spectra. Illinois J. Math. 25(1981), 99–106.
- [34] (with R. J. Milgram). The Bockstein and the Adams spectral sequences. Proc. Amer. Math. Soc. 83 (1981), 128–130.
- [35] Book review: Transformation groups and representation theory by T. tom Dieck. Bull. Amer. Math. Soc. 4 (1981), 90–93.
- [36] (with L. G. Lewis and J. E. McClure). Ordinary $RO(G)$ -graded cohomology. Bull. Amer. Math. Soc. 4 (1981), 128–130.
- [37] (with J. E. McClure and G. Triantafyllou). Equivariant localization. Bull. London Math. Soc. 14 (1982), 223–230.
- [38] Equivariant completion. Bull. London Math. Soc. 14(1982), 231–237.
- [39] (with Z. Fiedorowicz). Homology operations revisited. Canadian Math. J. 3(1982), 700–717.
- [40] (with Z. Fiedorowicz and H. Hauschild). Equivariant algebraic K -theory. Lecture Notes in Mathematics Vol. 967. Springer-Verlag 1983, 23–80.
- [41] Multiplicative infinite loop space theory. J. Pure and Applied Algebra 26(1983), 1–69.
- [42] (with J. E. McClure). A reduction of the Segal conjecture. Current trends in Algebraic topology. Can. Math. Soc. Conference Proceedings Vol. 2, part II. 1982, 209–222.
- [43] (with L. G. Lewis and J. E. McClure). Classifying G -spaces and the Segal conjecture. Current trends in Algebraic Topology. Can. Math. Soc. Conference Proceedings Vol. 2, part II, 1982, 165–180.
- [44] Equivariant homotopy and cohomology theory. Contemporary Mathematics Vol 12. Amer. Math. Soc. 1982, 209–218.
- [45] (with R. K. Lashof and G. B. Segal). Equivariant bundles with Abelian structural group. Contemporary Mathematics Vol 19. Amer. Math. Soc. 1983, 167–176.
- [46] (with L. R. Taylor). Generalized splitting theorems. Math. Proc. Camb. Phil. Soc. 93(1983), 73–86.
- [47] The dual Whitehead Theorems. London Math. Soc. Lecture Note Series Vol. 86(1983), 46–54.
- [48] (with J. Caruso, F. R. Cohen, and L. R. Taylor). James maps, Segal maps, and the Kahn-Priddy theorem. Trans. Amer. Math. Soc. 281(1984), 243–283.
- [49] (with F.R. Cohen and L.R. Taylor). James maps and E_n ring spaces. Trans. Amer. Math. Soc. 281(1984), 285–295.
- [50] The completion conjecture in equivariant cohomology. Lecture Notes in Mathematics Vol. 1051 Springer-Verlag 1984, 620–637.
- [51] Stable maps between classifying spaces. Contemporary Mathematics Vol. 37, Amer. Math. Soc. 1985, 121–129.
- [52] (with R. Bruner, J. E. McClure, and M. Steinberger) H_∞ ring spectra and their applications. Lecture Notes in Mathematics Vol. 1176. Springer-Verlag 1986. (vii + 388 pages)
- [53] (with L. G. Lewis and M. Steinberger and with contributions by J. E. McClure). Equivariant stable homotopy theory. Lecture Notes in Mathematics Vol. 1213. Springer-Verlag, 1986. (ix + 538 pages)
- [54] A remark on duality and the Segal conjecture. Lecture Notes in Mathematics Vol. 1217. Springer-Verlag 1986, 303–305.
- [55] (with R.K. Lashof). Generalized equivariant bundles. Bulletin Belgian Math. Soc. 38 (1986), 265–271.
- [56] Characteristic classes in Borel cohomology. J. Pure and Applied Algebra 44 (1987), 287–289.
- [57] A generalization of Smith theory. Proc. Amer. Math. Soc. 101 (1987), 728–730.
- [58] Equivariant constructions of nonequivariant spectra. Annals of Math. Studies Vol. 113. Princeton Univ. press 1987, 345–364.
- [59] (with J. Caruso and S. B. Priddy). The Segal conjecture for elementary Abelian p -groups, II; p -adic completion in equivariant cohomology. Topology 26(1987), 413–433.
- [60] (with J. F. Adams, J-P. Haeberly, and S. Jackowski). A generalization of the Segal conjecture. Topology 27 (1988), 7–21.
- [61] (with J.F. Adams, J-P. Haeberly, and S. Jackowski). A generalization of the Atiyah-Segal completion theorem. Topology 27 (1988), 1–6.
- [62] (with S. Bauer). Maximal ideals in the Burnside ring of a compact Lie group. Proc. Amer. Math. Soc. 102 (1988), 684–686.

- [63] (with V. P. Snaith and P. Zelewski). A further generalization of the Segal conjecture. Quarterly J. Math. 401 (1989), 457–473.
- [64] Book review: Transformation groups by T. tom Dieck. Bull. Amer. Math. Soc. 20 (1989), 267–270.
- [65] Some remarks on equivariant bundles and classifying spaces. Astérisque 191 (1990), 239–253.
- [66] G -spaces and fundamental groupoids. Appendix to “An equivariant Novikov conjecture” by J. Rosenberg and S. Weinberger. Journal of K -theory 4 (1990), 50–53.
- [67] Weak equivalences and quasifibrations. Lecture Notes in Mathematics Vol. 1425, Springer-Verlag 1990, 91–101.
- [68] Memorial address for J. Frank Adams. Mathematical Intelligencer 12 (1990), 40–44.
- [69] Reminiscences on the life and mathematics of J. Frank Adams. Mathematical Intelligencer 12 (1990), 45–48.
- [70] The work of J. F. Adams. Adams Memorial Symposium on Algebraic Topology, Vol. 1, London Math. Soc. Lecture Notes Vol. 175, 1992, 1–21.
- [71] (with J. P. C. Greenlees). Completions of G -spectra at ideals of the Burnside ring. Adams Memorial Symposium on Algebraic Topology, Vol. 2, London Math. Soc. Lecture Notes Vol. 176, 1992, 145–178.
- [72] (with J. P. C. Greenlees). Some remarks on the structure of Mackey functors. Proc. Amer. Math. Soc. 115(1992), 237–243.
- [73] (with J. P. C. Greenlees). Derived functors of I -adic completion and local homology. J. of Algebra 148(1992), 438–453.
- [74] Derived categories in algebra and topology. Rendiconti dell’Istituto di Matematica dell’Universita di Trieste 25(1993), 363–377.
- [75] (with I. Kriz). Derived categories and motives. Mathematical Research Letters 1(1994), 87–94.
- [76] (with J. P. C. Greenlees, A. Elmendorf, and I. Kriz). Commutative algebra in stable homotopy theory and a completion theorem. Mathematical Research Letters 1(1994), 225–239.
- [77] (with J. P. C. Greenlees). Generalized Tate cohomology. Memoirs Amer. Math. Soc. No 543. 1995. (178 pages).
- [78] (with I. Kriz) Operads, algebras, modules, and motives. Astérisque. No. 233. 1995. (144 pages).
- [79] (with A. D. Elmendorf, I. Kriz, and M. A. Mandell) Modern foundations of stable homotopy theory. Handbook of Algebraic Topology, edited by I.M. James, pp. 217–257. North Holland. 1995.
- [80] (with J. P. C. Greenlees) Completions in algebra and topology. Handbook of Algebraic Topology, edited by I.M. James, pp. 258–278. North Holland. 1995.
- [81] (with J. P. C. Greenlees). Equivariant stable homotopy theory. Handbook of Algebraic Topology, edited by I.M. James, pp. 279–325. North Holland. 1995.
- [82] Equivariant homotopy and cohomology theory. NSF-CBMS Regional Conference Series in Mathematics No. 91. Amer. Math. Soc. 1996. (366 pages).
- [83] (with A. Elmendorf, I. Kriz, and M. A. Mandell). Rings, modules, and algebras in stable homotopy theory. Amer. Math. Soc. Mathematical Surveys and Monographs Vol 47. 1997. (249 pages).
- [84] Definitions: operads, algebras, and modules. in Operads: Proceedings of renaissance conferences. Contemporary Mathematics Vol. 202, 1997, 1–7.
- [85] Operads, algebras, and modules. in Operads: Proceedings of renaissance conferences. Contemporary Mathematics Vol. 202, 1997, 15–31.
- [86] Operadic tensor products and smash products. in Operads: Proceedings of renaissance conferences. Contemporary Mathematics Vol. 202, 1997, 287–303.
- [87] (with J. P. C. Greenlees). Localization and completion theorems for MU -module spectra. Annals of Math. 146(1997), 509–544.
- [88] (with A. D. Elmendorf) Algebras over equivariant sphere spectra. J. Pure and Applied Algebra. 116(1997), 139–149.
- [89] Equivariant and nonequivariant module spectra. J. Pure and Applied Algebra. 127(1998), 83–97.
- [90] Stable algebraic topology and stable topological algebra. Bulletin London Math. Soc. 30(1998), 225–234.

- [91] Brave new worlds in stable homotopy theory. In Homotopy theory via algebraic geometry and group representations. Contemporary Mathematics Vol 220, 1998, 193-212.
- [92] Stable algebraic topology. In “History of topology”, edited by I.M. James, 665-723. Elsevier Science B.V. 1999.
- [93] Equivariant orientations and Thom isomorphisms. In Tel Aviv Topology Conference: Rothenberg Festschrift. Contemporary Mathematics Vol 231, 1999, 227-243.
- [94] The hare and the tortoise. In Homotopy invariant algebraic structures. Contemporary Mathematics Vol 239, 1999, 9-13.
- [95] A concise course in algebraic topology. University of Chicago Press. 1999. (243 pages).
- [96] (with M. A. Mandell, S. Schwede, and B. Shipley). Model categories of diagram spectra. Proc. London Math. Soc. (3) 82(2001), 441-512.
- [97] Picard groups, Grothendieck rings, and Burnside rings. Advances in Mathematics 163 (2001), 1-16.
- [98] (with H. Fausk and L. G. Lewis) The Picard group of the equivariant stable homotopy category. Advances in Mathematics. 163(2001), 17-33.
- [99] The additivity of traces in triangulated categories. Advances in Mathematics 163(2001), 34-73.
- [100] (with S. Costenoble and S. Waner) Equivariant orientation theory. Homology, homotopy, and applications 3(2001), 265-339.
- [101] (with Po Hu and I. Kriz) Cores of spaces, spectra, and E_∞ ring spectra. Homology, homotopy, and applications 3(2001), 341-354.
- [102] Idempotents and Landweber exactness in brave new algebra. Homology, homotopy, and applications 3(2001), 355-359.
- [103] (with F. Neumann) On the cohomology of generalized homogeneous spaces. Proc. Amer. Math. Soc. 130 (2002), 267-270.
- [104] (with M. A. Mandell) Equivariant orthogonal spectra and S -modules. Memoirs Amer. Math. Soc. Vol 159. 2002.
- [105] Munshi’s proof of the Nullstellensatz. American Mathematical Monthly 110(2003), 133-140.
- [106] (with H. Fausk and P. Hu) Isomorphisms between left and right adjoints. Theory and Applications of Categories 11(2003), 107-131.
- [107] The Wirthmüller isomorphism revisited. Theory and Applications of Categories 11(2003), 132-142.
- [108] (with A.J. Baker) Minimal atomic complexes. Topology 43(2004), 645-665.
- [109] A note on the splitting principle. Topology and its Applications 153(2005), 605-609.
- [110] (with J. Sigurdsson) Parametrized homotopy theory. Amer. Math. Soc. Mathematical Surveys and Monographs Vol 132. 2006. (441 pages).
- [111] Memorial talk [for Saunders Mac Lane]. J. Homotopy Relat. Struct. 2 (2007), 11-12.
- [112] What precisely are E_∞ ring spaces and E_∞ ring spectra? Geometry & Topology Monographs 16(2009), 215-282.
- [113] The construction of E_∞ ring spaces from bipermutative categories. Geometry & Topology Monographs 16(2009), 283-330.
- [114] What are E_∞ ring spaces good for? Geometry & Topology Monographs 16(2009) 331-365.
- [115] (with J. C. Baez, co-editor) Towards higher categories. IMA Volume in mathematics and its applications. Springer. 2010.
- [116] (with K. Ponto) More concise algebraic topology: localization, completion, and model categories. University of Chicago Press. 2012. (514 pages).
- [117] An appreciation of the work of Samuel Eilenberg. Wiad. Mat. 48(2)(2012), 185-197.
- [118] (with A. M. Bohmann) A presheaf interpretation of the generalized Freyd conjecture. Theory and applications of categories. To appear.
- [119] (with Bertrand Guillou) Enriched model categories and diagram categories. Homology, homotopy, and applications. Accepted pending revision.
- [120] (with Bertrand Guillou) Models of G -spectra as presheaves of spectra. Homology, homotopy, and applications. Accepted pending revision.
- [121] (with Bertrand Guillou and Mona Merling) Chaotic categories and equivariant classifying spaces. Submitted.
- [122] (with Bertrand Guillou) Permutative G -categories in equivariant infinite loop space theory. Submitted.
- [123] Finite spaces and larger contexts. Book. Preliminary draft submitted to the AMS.