

Publications of Douglas C. Ravenel

BOOKS

1. *Complex Cobordism and Stable Homotopy Groups of Spheres*, Academic Press, New York, 1986.
2. *Nilpotence and periodicity in stable homotopy theory*, Annals of Mathematics Studies, Number 128, Princeton, 1992.
3. *Complex Cobordism and Stable Homotopy Groups of Spheres, Second Edition*, AMS Chelsea Publishing, Providence, 2004, available online at <http://www.math.rochester.edu/people/faculty/doug/>.

CONFERENCE PROCEEDINGS EDITED

1. *Algebraic Topology, Proceedings, Seattle 1985* (with H. R. Miller), Lecture Notes in Mathematics 1286, Springer-Verlag, New York, 1987.
2. *Algebraic Topology, Proceedings, Arcata 1986*, (with G. Carlsson, R. L. Cohen and H. R. Miller), Lecture Notes in Mathematics 1370, Springer-Verlag, New York, 1989.
3. *Homotopy Theory and Its Applications, A Conference on Algebraic Topology in Honor of Samuel Gitler, August 9-13, 1993, Cocoyoc, Mexico* (with A. Adem, and R. J. Milgram), Contemporary Mathematics 188, American Mathematical Society, 1995.
4. *Elliptic cohomology: Geometry, applications and higher chromatic analogues* (with H. R. Miller), London Mathematical Society Lecture Notes Series (no. 342), Cambridge University Press, Cambridge, 2007.

PAPERS

1. A definition of exotic characteristic classes, *Comm. Math. Helv.*, **47** (1972), 421–436.
2. Bipolynomial Hopf algebras (with W. S. Wilson), *Journal of Pure and Applied Algebra* **4** (1974), 41–45.
3. The Hopf ring for complex cobordism (with W. S. Wilson), *Bulletin of the American Mathematical Society*, **80** (1974), 1185–1189.
4. Dieudonné modules for Abelian Hopf algebras, Proceeding of the Northwestern University Conference on Homotopy Theory, 1974, *Mexican Mathematical Society Monograph*, 177–194.
5. Multiplicative operations in BP^*BP , *Pacific Journal of Mathematics*, **57** (1975), 539–544.
6. Novikov's Ext^2 and the nontriviality of the gamma family (with H. R. Miller and W. S. Wilson), *Bulletin of the American Mathematical Society*, **81** (1975), 1073–1075.
7. The structure of BP_*BP modulo an invariant prime ideal, *Topology*, **15** (1976), 149–154.