

PUBLICATIONS AND PREPRINTS OF J.P.C.GREENLEES

- [1] J.P.C.Greenlees “Functional duals and Moore spectra”, Bulletin of the London Mathematical Society **17** (1985), 43-48.
- [2] J.P.C.Greenlees “Representing Tate cohomology of G-spaces”, Proceedings of the Edinburgh Mathematical Society **30** (1987), 435-443
- [3] J.P.C.Greenlees “How blind is your favourite cohomology theory?”, Expositiones Mathematicae, **6** (1988), 193-208.
- [4] J.P.C.Greenlees “Stable maps into free G-spaces”, Transactions of the American Mathematical Society, **310** (1988), 199-215.
- [5] J.P.C.Greenlees “Topological methods in equivariant cohomology”, Proceedings of the 1987 Singapore Group Theory Conference, W. de Gruyter, (1989), 373-389.
- [6] J.P.C.Greenlees “Equivariant functional duals and universal spaces”, Journal of the London Mathematical Society, **40** (1989), 347-354.
- [7] J.P.C.Greenlees “The power of mod p Borel homology”, Proceedings of the 1988 Kinosaki conference on homotopy theory and related topics. Lecture notes in maths. **1418** Springer-Verlag (1990), 140-151.
- [8] J.P.C.Greenlees “Equivariant functional duals and completions”, Bull. London Math. Soc. **23** (1991), 163-168.
- [9] J.P.C.Greenlees and J.P. May “Completions of G-spectra at ideals of the Burnside ring” Proc. Adams Memorial Conference II, Cambridge University Press (1992) 145-178.
- [10] J.P.C.Greenlees and J.P. May “Some remarks on the structure of Mackey functors” Proc. American Math. Soc., **395** (1992) 237-243.
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- [13] J.P.C.Greenlees “Generalised Eilenberg-Moore spectral sequences for elementary abelian groups and tori”, Proc. Camb. Phil. Soc., **112** (1992) 77-89.
- [14] J.P.C.Greenlees “Some remarks on projective Mackey functors”, J. Pure and Applied Algebra, **81** (1992) 17-38.
- [15] D.J. Benson and J.P.C.Greenlees “The action of the Steenrod algebra on Tate cohomology” J. Pure and Applied Algebra, **85** (1993) 21-26.
- [16] J.P.C.Greenlees “K-homology of universal spaces and local cohomology of the representation ring” Topology **32** (1993) 295-308.
- [17] T. Bier and J.P.C.Greenlees “The lattice spanned by the cosets of subgroups in a finite group.” J. London Math. Soc. **47** (1993) 433-449.
- [18] J.P.C.Greenlees “The geometric equivariant Segal conjecture for toral groups.” J. London Math. Soc., **48** (1993) 348-364.
- [19] A.D.Elmendorf, J.P.C.Greenlees, I.Kriz and J.P.May “Commutative algebra in stable homotopy theory and a completion theorem.” Mathematical Research Letters **1** (1994) 225-239.
- [20] J.P.C.Greenlees “Tate cohomology in commutative algebra.” J. Pure and Applied Algebra **94** (1994) 59-83
- [21] J.P.C.Greenlees and J.P. May “Generalized Tate cohomology” Memoirs of the American Maths. Soc., **543** (1995) 178pp.
- [22] J.P.C.Greenlees “Commutative algebra in group cohomology.” J.Pure and Applied Algebra **98** (1995) 151-162
- [23] J.P.C.Greenlees and J.P.May “Completions in algebra and topology” Handbook of Topology (ed. I.M.James) North Holland (1995) 255-276.
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- [25] R.Bruner and J.P.C.Greenlees “The algebraic Bredon-Löffler conjecture.” Experimental Mathematics **4** (1995) 289-297.
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- [28] J.P.C.Greenlees “An introduction to equivariant K-theory.” CBMS Regional Conference Series **91** American Math. Soc. (1996) 143-152.
- [29] J.P.C.Greenlees and J.P.May “Examples of Tate cohomology.” CBMS Regional Conference Series **91** American Math. Soc. (1996) 231-245.

- [30] J.P.C.Greenlees and J.P.May “Brave new equivariant algebra.” CBMS Regional Conference Series **91** American Math. Soc. (1996) 299-314.
- [31] J.P.C.Greenlees and J.P.May “Localization and completion in complex bordism.” CBMS Regional Conference Series **91** American Math. Soc. (1996) 315-326.
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- [38] J.P.C.Greenlees “Augmentation ideals of equivariant cohomology rings.” Topology **37** (1998) 1313-1323
- [39] J.P.C.Greenlees “Rational $O(2)$ -equivariant cohomology theories.” Fields Institute Communications **19** (1998) 103-110
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- [41] J.P.C.Greenlees “Equivariant forms of connective K-theory.” Topology **38** (1999) 1075-1092.
- [42] J.P.C.Greenlees and N.P.Strickland “Varieties and local cohomology for chromatic group cohomology rings.” Topology **38** (1999) 1093-1139.
- [43] J.P.C.Greenlees and G.Lyubeznik “Rings with a local cohomology theorem and applications to cohomology rings of groups.” J. Pure and Applied Algebra **149** (2000) 267-285.
- [44] M.M.Cole, J.P.C.Greenlees and I. Kriz “Equivariant formal group laws.” Proc. London Math. Soc **81** (2000) 355-386.

Accepted for publication:

- [45] M.M.Cole, J.P.C.Greenlees and I. Kriz “Universality of equivariant bordism.” Math. Z. (to appear) 16pp
- [46] J.P.C.Greenlees “Multiplicative equivariant formal group laws.” J. Pure and Applied Algebra (to appear) 20pp.
- [47] J.P.C.Greenlees “Rational $SO(3)$ -equivariant cohomology theories.” Proc Boulder Proceedings (to appear) 19pp

ON THE WAY TO PUBLICATION

Submitted for publication:

- [1s] J.P.C.Greenlees “Tate cohomology in axiomatic stable homotopy theory” Preprint 16pp.
- [2s] J.P.C.Greenlees, M.J.Hopkins and I. Rosu “Rational S^1 -equivariant elliptic cohomology.” Preprint (1999) 23pp.
- [3s] W.G.Dwyer and J.P.C.Greenlees “The equivalence of categories of complete and torsion modules.” Preprint (1999) 20pp
- [4s] J.P.C.Greenlees “Local cohomology in equivariant topology.” Preprint (2000) 30pp

Preprints:

- [1p] J.P.C.Greenlees “Equivariant formal groups over tame rings.” Preprint (1999) 15pp.
- [2p] R.R.Bruner and J.P.C.Greenlees “The connective K-theory of finite groups.” Preprint (1998) 124pp.
- [3p] J.P.C.Greenlees “Rational torus equivariant cohomology theories I: the standard model.” Preprint (2000) (20pp)

In preparation:

- [4p] J.P.C.Greenlees “The coefficient ring of equivariant homotopical bordism is the universal ring for equivariant formal group laws.” (1998) 18pp
- [5p] J.P.C.Greenlees “Rational Mackey functors for compact Lie groups II” 17pp.
- [6p] J.P.C.Greenlees “Rational torus equivariant cohomology theories II: Adams spectral sequences.” (10pp)

- [7p] J.P.C.Greenlees and B.E.Shipley “Rational torus equivariant cohomology theories III: Quillen equivalence with the standard model.” Preprint (1999) 8pp
- [8p] J.P.C.Greenlees “Equivariant connective K theory for compact Lie groups” (In preparation) 10pp
- [9p] W.G.Dwyer, J.P.C.Greenlees and S.B.Iyengar “Gorenstein conditions in algebra and topology.” (In preparation) 14pp

Inactive preprints:

- [1i] J.P.C.Greenlees “Groups and Spheres: a road from the PA Smith theorem” (1992) 13pp.
- [2i] J.P.C.Greenlees “A remark on local cohomology for non-Noetherian rings” (1992) 5pp.

THESIS

- [1t.] J.P.C.Greenlees “Adams Spectral Sequences in equivariant topology”, Thesis, Cambridge University (1985), 381pp.

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