

PUBLICATIONS - H E A Campbell

Appearing in Refereed Research Journals

1. H E A Campbell, A V Geramita, I P Hughes, G Smith, D L Wehlau, *Some remarks on Hilbert functions of Veronese algebras*, Comm. Algebra, **28**, No 3, (2000), 1487–1496.
MR 00k:13013
2. H E A Campbell, I P Hughes, G Kemper, R J Shank, and D L Wehlau, *Depth of modular invariant rings*, Transformation Groups, **5**, No 1, (2000), 21–34.
MR 01a:13004.
3. H E A Campbell and E Kechagias, *Arnon completion of the Dyer-Lashof algebra*, Israel J Math., **114** (1999), 189–203.
MR 01c:55011
4. H E A Campbell, J Harris and D Wehlau, *On rings of invariants of non-modular Abelian groups*, Bulletin of the Australian Mathematics Society, **60**, No 3,(1999), 509–520.
MR 00i:13008
5. H E A Campbell, J Harris and D Wehlau, *Internal duality for resolutions of rings*, Journal of Algebra, **215**, (1999), 1–33.
MR 00c:13022
6. H E A Campbell, A V Geramita, I P Hughes, R J Shank, and D L Wehlau, *Non-Cohen-Macaulay vector invariants and a Noether bound for a Gorenstein ring of invariants*, Can. Math. Bull., **42** (2), (1999), 155–161.
MR 00b:13005
7. H E A Campbell and I P Hughes, *Rings of invariants of certain p -groups over the field \mathbf{F}_p* , Journal of Algebra, **211**, (1999), 549–561.
MR 99m:13009
8. H E A Campbell and I P Hughes, *On the vector invariants of $U_2(\mathbf{F}_p)$: a proof of a conjecture of David Richman*, Adv. in Math. V 126, No 1, (1997), 1–20.
MR 98c:13007

9. H E A Campbell, I P Hughes, R J Shank, and D L Wehlau, *Bases for rings of covariants*, Transformation Groups, **1**, No 4 (1996), 307–336.
MR 98a:13011
10. H E A Campbell and I P Hughes, *The ring of upper triangular invariants as a module over the Dickson invariants*, Mathematische Annalen, V 306, (1996), 429–443.
MR 97h:13003
11. H E A Campbell and I P Hughes, *2-dimensional vector invariants of parabolic subgroups of $GL_2(\mathbf{F}_p)$* , Journal of Pure and Applied Algebra, V 112 (1996), 1–12.
MR 97g:13007
12. R B Bell, H E A Campbell, and I P Hughes, *Properties of functions associated to invariant theory*, Comm. in Alg. **22** (1994), 381–396.
MR 95d:13008.
13. H E A Campbell, I P Hughes, F Pappalardi, and P S Selick, *On the ring of invariants of $\mathbf{F}_{2^s}^*$* , Comment. Math. Helv. **66** (1991), 322–331.
MR 92d:55020.
14. H E A Campbell, I P Hughes, and R D Pollack, *Rings of invariants and p -Sylow subgroups*, Can. Math. Bull. **34** (1991), no. 1, 42–47.
MR 92h:13008.
15. H E A Campbell, I P Hughes, and R D Pollack, *Vector invariants of symmetric groups*, Can. Math. Bull. **33** (1990), no. 4, 391–397.
MR 92g:13004.
16. H E A Campbell and P S Selick, *Polynomial algebras over the Steenrod algebra*, Comment. Math. Helv. **65** (1990), 171–180.
MR 91f:55006.
17. H E A Campbell and P S Selick, *On the semi-tensor product of the Dyer-Lashof and Steenrod algebras*, Can. J. Math. (1989), no. 4, 676–701.
MR 90h:55029.
18. H E A Campbell, F R Cohen, F P Peterson, and P S Selick, *The space of maps of Moore spaces into spheres*, Proceedings of a conference in honor of J C Moore, Ann. of Math. Studies, 1987, pp. 72–100.
MR 89a:55012.

19. H E A Campbell, F R Cohen, F P Peterson, and P S Selick, *Self maps of loop spaces, II*, Trans. A. M. S **293** (1986), no. 1, 41–51.
MR 87e:55010b.
20. H E A Campbell, F P Peterson, and P S Selick, *Self maps of loop spaces, I*, Trans. A. M. S **293** (1986), no. 1, 1–39.
MR 87e:55010a.
21. H E A Campbell, *Upper triangular invariants*, Can. Math. Bull. **28** (1985), 243–248.
MR 86i:55023.
22. H E A Campbell, *An intrinsic construction of Steenrod squares for mod 2 De Rham forms*, J. of Pure and App. Alg. **30** (1983), 1–4.
MR 85J:55035.

In Progress

1. H E A Campbell and D L Wehlau, (Editors) *Proceedings of a Workshop on Classical Invariant Theory Workshop April 8-19 2002*, CRM Proceedings and Lecture notes, published by the AMS.
2. H E A Campbell and D L Wehlau, *Modular Invariant Theory*, Encyclopaedia of Mathematical Sciences, Invariant Theory and Algebraic Transformation Groups, Springer-Verlag (invited volume). David Wehlau and I have been asked to write a book for this series.
3. H E A Campbell, B Fodden and D L Wehlau, *Generators for the ring of invariants of the diagonal action of C_p on $2V_3$* .
4. H E A Campbell, *Steenrod algebra structures on resolutions of rings of invariants*.

Other Published Scholarly Writings

1. H E A Campbell, A V Geramita, I P Hughes, and G Smith, *Hilbert functions of graded algebras*, The Curves Seminar at Queen's XI, Queen's Papers in Pure and Applied Mathematics, Vol 105, 1997, 60–74.
MR 98d:13002.