PUBLICATIONS
Frederick M. Goodman

(1) (with Christopher Bowman and John Enyang) Diagram algebras, dominance triangularity, and skew cell modules, *Journal of the Australian Mathematical Society* , **104** (2018), no. 1, 13-36. MR3745412.

(2) (with Christopher Bowman and John Enyang) The cellular second fundamental theorem of invariant theory for classical groups, *International Mathematics Research Notices*, published online (2018).

(3) (with Ross Kilgore and Nicholas Teff) A cell filtration of the restriction of a cell module, preprint (2015), arXiv:1504.02136.

(4) (with J. Enyang) Cellular bases for algebras with a Jones basic construction, *Algebras and Representation Theory* **20** (2017), no. 1, 71-121. MR3606482, journal link.

(5) (with T. Geetha) Cellularity of wreath products and A–Brauer algebras, *Journal of Algebra* **389** (2013) 151-190. MR3065998

(6) Remarks on cyclotomic and degenerate cyclotomic BMW algebras, *Journal of Algebra* **364** (2012) 13-37. MR2927045

(7) (with John Graber) On cellular algebras with Jucys Murphy elements, *Journal of Algebra* **330** (2011) 147-176. MR2774622

(8) (with John Graber) Cellularity and the Jones basic construction, *Advances in Applied Mathematics*, **46** (2011) 312-362. MR2794027

(9) Comparison of admissibility conditions for cyclotomic Birman–Wenzl–Murakami algebras, *Journal of Pure and Applied Algebra*, **214** (2010) 2009–2016. MR2645333

(10) Admissibility conditions for degenerate cyclotomic BMW Algebras, *Communications in Algebra* **39** (2011) 452-461. MR2773313

(11) Cellularity of cyclotomic Birman-Wenzl-Murakami algebras, *Journal of Algebra* **321** (2009) 3299–3320. MR2510050

(12) (with Holly Hauschild Mosley) Cyclotomic Birman-Wenzl-Murakami algebras II: Admissibility Relations and freeness, *Algebras and Representation Theory* **14** (2011) 1-39. MR2763289

(13) (with Holly Hauschild Mosley) Cyclotomic Birman-Wenzl-Murakami algebras I: Freeness and realization as tangle algebras, *Journal of Knot Theory and its Ramifications* **18** (2009) 1089-1127. MR2554337

(14) *Algebra: Abstract and Concrete*, (textbook, edition 2.5) published online at `www.math.uiowa.edu/~goodman`, September, 2007, 573 pages.

(15) (with Holly M. Hauschild) Affine Birman-Wenzl-Murakami algebras and tangles in the solid torus, *Fundamenta Mathematicae* **190** (2006) 77–137. MR2232856

(16) $\mathbb{Z}_n$–graded independence, *Indiana University Mathematics Journal* **53** (2004), no. 2, 515–532. MR2060043

(17) (with A. Nica and P. Biane) Non-crossing cumulants of type B, *Transactions American Mathematical Society* **355** (2003) 2263-2303. MR1973990

(18) (with H. Wenzl) Ideals in the Temperley-Lieb Category, appendix to Michael Freedman, A magnetic model with a possible Chern-Simons phase, *Communications in Mathematical Physics* **234** (2003) 129-183. MR1961959

(19) *Algebra: Abstract and Concrete*, (textbook, 2nd edition) Prentice Hall, 2002.

(20) (with H. Wenzl) A Path algorithm for affine Kazhdan-Lusztig polynomials, *Math. Zeitschrift* **237** (2001), no. 2, 235–249. MR1838309

(21) (with H. Wenzl) Crystal Bases of Quantum Affine Algebras and Affine Kazhdan-Lusztig Polynomials, *International Math. Research Notices*, 1999, No. 5, 251-275. MR1675980

(22) (with S. Kerov) The Martin Boundary of the Young-Fibonnaci Lattice, *J. Algebraic Combinatorics* **11** (2000), no. 1, 17–48. MR1747061

(23) (with H. Wenzl) The Iwahori-Hecke Algebra of type A_n at Roots of Unity, *J. Algebra* **215** (1999) 694–734. MR1686212

(24) *Algebra: Abstract and Concrete*, (textbook) Prentice Hall, 1998.

(25) (with H. Wenzl) The Temperley-Lieb algebras at roots of unity, *Pacific Journal of Mathematics* **161** (1993) 307-334. MR1242201

(26) (with K. M. O'Hara and D. Stanton) A unimodality identity for a Schur function, *Journal of Combinatorial Theory A* **60** (1992) 143-146. MR1156655

(27) (with T. Nakanishi) Fusion algebras in integrable systems in two dimensions, *Physics Letters B* **262** (1991) 259-264. MR1113627

(28) (with H. Wenzl) Littlewood-Richardson coefficients for Hecke algebras at roots of unity, *Advances in Mathematics* **82** (1990) 244-265. MR1063959

(29) (with O. Bratteli, P. Jorgensen, and D. Robinson) Unitary representations of Lie groups and Gårding's inequality, *Proceedings of the American Mathematical Society* **107** (1989) 627-632.

(30) (with K. M. O'Hara) On the Gaussian polynomials, in Dennis Stanton (ed), *q-Series and Partitions*, IMA Volumes in Mathematics and its Applications, Springer-Verlag, New York (1989).

(31) (with P. de la Harpe and V.F.R. Jones) *Coxeter Graphs and towers of algebras*, Publications of the Mathematical Sciences Research Institute, Springer-Verlag, New York (1989).

(32) (with O. Bratteli, G. A. Elliott, and P.E.T. Jorgensen) On Lie algebras of operators, *Journal of Functional Analysis* **86** (1989) 341-359.

(33) (with O. Bratteli, G. A. Elliott, and P.E.T. Jorgensen) Smooth actions of Lie groups on non-commutative tori, *Nonlinearity* **2** (1989) 271-286.

(34) (with O. Bratteli, P. Jorgensen, and D. Robinson), The heat semi-group and integrability of Lie algebras, *Journal of Functional Analysis* **79** (1988) 351-397.

(35) (with O. Bratteli, D.E. Evans, and P.E.T. Jorgensen) A dichotomy for derivations on $\mathcal{O}_n$, *Publications of RIMS, Kyoto University* **22** (1986) 103-117.

(36) (with P.E.T. Jorgensen and C. Peligrad) Smooth Derivations commuting with Lie group actions, *Mathematical Proceedings Cambridge Philosophical Society* **99** (1986), 307-314.

(37) (with P. de la Harpe and V.F.R. Jones) Classifications des matrices entieres des petites normes, *C. R. Acad. Sci. Paris, Ser. I. Math.* **300** (1985) no. 14, 463-465.

(38) (with J. Cuntz, G.A. Elliott, and P.E.T. Jorgensen) On the classification of non-commutative tori II, *C.R. Math. Acad. Sci. Canada* **7** (1985) 189-194.

(39) (with O. Bratteli, T. Digernes, and D. W. Robinson) Integration in Abelian C^*-dynamical systems, *Publications of RIMS, Kyoto University* **21** (1985) 1001-1030.

(40) (with O. Bratteli) Unbounded derivations tangential to compact group actions: spectral conditions in the weak closure, *Canadian Journal of Mathematics* **37** (1985) 160-192.

(41) (with O. Bratteli, and P.E.T. Jorgensen) Unbounded derivations tangential to compact groups of automorphisms II, *Journal of Functional Analysis* **61** (1985) 247-289.

(42) (with P.E.T. Jorgensen) Lie algebras of unbounded derivations, *Journal of Functional Analysis* **52** (1983) 369-384.

(43) (with Antony J. Wassermann) Unbounded derivations commuting with compact group actions II, *Journal of Functional Analysis*, **55** (1984) 389-397.

(44) (with P.E.T. Jorgensen) Unbounded derivations commuting with compact group actions, *Communications Mathematical Physics* **82** (1981) 399-405.

(45) Unbounded derivations commuting with an automorphism group, *Proc. Symp. Pure, Math.* **38** (1982), part 2, 339-341.

(46) Translation invariant closed *-derivations, *Pacific Journal of Mathematics* **97** (1981) 403-413.

(47) Non-quasi-well behaved closed *-derivations, *Transactions A.M.S* **264** (1981) 571-578.

(48) Closed derivations in commutative C^*-algebras, *Journal of Functional Analysis* **39** (1980) 308-346.