

PUBLICATIONS
Frederick M. Goodman

- (1) (with Holly Hauschild Mosley) Cyclotomic Birman-Wenzl-Murakami algebras I: Freeness and realization as tangle algebras, preprint (2006), 34 pages.
- (2) (with Holly Hauschild Mosley) Cyclotomic Birman-Wenzl-Murakami algebras II: Admissibility Relations and representation theory , preprint (2006), 29 pages.
- (3) (with Holly M. Hauschild) Affine Birman-Wenzl-Murakami algebras and tangles in the solid torus, *Fundamenta Mathematicae*, **190** (2006), 77–137.
- (4) Minimal Factorizations of a Cycle and Central Multiplicative Functions on the Infinite Hyperoctahedral Group, half-forgotten work in limbo.
- (5) \mathbb{Z}_n -graded independence, *Indiana University Mathematics Journal*, **53** (2004), no. 2, 515–532.
- (6) (with A. Nica and P. Biane) Non-crossing cumulants of type B, *Transactions American Mathematical Society*, 355 (2003), 2263-2303.
- (7) (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.
- (8) *Algebra: Abstract and Concrete*, (textbook, 2nd edition) Prentice Hall, 2002.
- (9) (with H. Wenzl) A Path algorithm for affine Kazhdan-Lusztig polynomials, *Math. Zeitschrift* **237** (2001), no. 2, 235–249.
- (10) (with H. Wenzl) Crystal Bases of Quantum Affine Algebras and Affine Kazhdan-Lusztig Polynomials, *International Math. Research Notices*, 1999, No. 5, 251-275.
- (11) (with S. Kerov) The Martin Boundary of the Young-Fibonacci Lattice, *J. Algebraic Combinatorics* **11** (2000), no. 1, 17–48.
- (12) (with H. Wenzl) The Iwahori-Hecke Algebra of type A_n at Roots of Unity, *J. Algebra* **215** (1999) 694–734.
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- (15) (with K. M. O’Hara and D. Stanton) A unimodality identity for a Schur function, *Journal of Combinatorial Theory A* **60** (1992) 143-146.

- (16) (with T. Nakanishi) Fusion algebras in integrable systems in two dimensions, *Physics Letters B* **262** (1991) 259-264.
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- (18) (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.
- (19) (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).
- (20) (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).
- (21) (with O. Bratteli, G. A. Elliott, and P.E.T. Jorgensen) On Lie algebras of operators, *Journal of Functional Analysis*, **86** (1989) 341-359.
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- (23) (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.
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- (29) (with O. Bratteli) Unbounded derivations tangential to compact group actions: spectral conditions in the weak closure, *Canadian Journal of Mathematics* **37** (1985), 160-192.

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