References

Numbers in square brackets at the end of each entry indicate the pages in the text where that entry is cited.

[AD80] S. Abeasis and A. Del Fra, *Degenerations for the representations of an equioriented quiver of type A_m*, Boll. Univ. Mat. Ital. Suppl. (1980), no. 2, 157–171. [352]

[ADK81] S. Abeasis, A. Del Fra, and H. Kraft, *The geometry of representations of A_m*, Math. Ann. **256** (1981), no. 3, 401–418. [352]

[AB04] Valery Alexeev and Michel Brion, *Toric degenerations of spherical varieties*, preprint, 2004. arXiv:math.AG/0403379 [288]

[AH99] Klaus Altmann and Lutz Hille, *Strong exceptional sequences provided by quivers*, Algebr. Represent. Theory **2** (1999), no. 1, 1–17. [208]

[AH00] Annetta Aramova and Jürgen Herzog, *Almost regular sequences and Betti numbers*, Amer. J. Math., **122** (2000), no. 4, 689–719. [106]

[AHH00] Annetta Aramova, Jürgen Herzog, and Takayuki Hibi, *Shifting operations and graded Betti numbers*, J. Algebr. Combin. **12** (2000), no. 3, 207–222. [40]

[Aud91] Michèle Audin, *The topology of torus actions on symplectic manifolds*, Progress in Mathematics Vol. 93, Birkhäuser Verlag, Basel, 1991, translated from the French by the author. [208]

[ARS97] Maurice Auslander, Idun Reiten, and Sverre O. Smalø, *Representation theory of Artin algebras*, Cambridge Studies in Advanced Mathematics Vol. 36, Cambridge University Press, Cambridge, 1997, corrected reprint of the 1995 original. [353]

[AGHSS04] L. Avramov, M. Green, C. Huneke, K. Smith, and B. Sturmfels (eds.), *Lectures in Contemporary Commutative Algebra*, Mathematical Sciences Research Institute Publications, Cambridge University Press, Cambridge, 2004. [viii]

[BNT02] Eric Babson, Isabella Novik, and Rekha Thomas, *Symmetric iterated Betti numbers*, J. Combin. Theory, Ser. A **105** (2004), 233–254. [40]

[BaS96] Imre Barany and Herbert Scarf, *Matrices with identical sets of neighbors*, Math. Oper. Res. **23** (1998), no. 4, 863–873. [189, 190]

[Bar94] Alexander I. Barvinok, *A polynomial time algorithm for counting integral points in polyhedra when the dimension is fixed*, Math. Oper. Res. **19** (1994), no. 4, 769–779. [246]

[BP99] Alexander Barvinok and James E. Pommersheim, *An algorithmic theory of lattice points in polyhedra*, New perspectives in algebraic combinatorics (Berkeley, CA, 1996–97), Mathematical Sciences Research Institute Vol. 38, Cambridge University Press, Cambridge, 1999, pp. 91–147. [246]

[BW03] Alexander Barvinok and Kevin Woods, *Short rational generating functions for lattice point problems*, J. Amer. Math. Soc. **16** (2003), no. 4, 957–979 (electronic). [246]

[Bay96] Dave Bayer, *Monomial ideals and duality*, Lecture notes, Berkeley 1995–96, available online at http://math.columbia.edu/~bayer/Duality_B96/. [86]

[BCP99] Dave Bayer, Hara Charalambous, and Sorin Popescu, *Extremal Betti numbers and applications to monomial ideals*, J. Algebra **221** (1999), no. 2, 497–512. [19, 106]

[BPS98] Dave Bayer, Irena Peeva, and Bernd Sturmfels, *Monomial resolutions*, Math. Res. Lett. **5** (1998), no. 1–2, 31–46. [80, 126, 190]

[BPS01] Dave Bayer, Sorin Popescu, and Bernd Sturmfels, *Syzygies of unimodular Lawrence ideals*, J. Reine Angew. Math. **534** (2001), 169–186. [190]

[BS87] David Bayer and Michael Stillman, *A criterion for detecting m-regularity*, Invent. Math. **87** (1987), no. 1, 1–11. [40, 45]

[BS98] Dave Bayer and Bernd Sturmfels, *Cellular resolutions of monomial modules*, J. Reine Angew. Math. **502** (1998), 123–140. [79, 80, 190]

[BDDPS04] M. Beck, J. A. De Loera, M. Develin, J. Pfeifle, and R. P. Stanley, *Coefficients and roots of Ehrhart polynomials*, Contemp. Math., to appear, 2004. arXiv:math.CO/0402148 [246]

[BB93] Nantel Bergeron and Sara Billey, *RC-graphs and Schubert polynomials*, Exp. Math. **2** (1993), no. 4, 257–269. [329]

[BGG73] I. N. Bernšteĭn, I. M. Gelfand, and S. I. Gelfand, *Schubert cells, and the cohomology of the spaces G/P*, Usp. Mat. Nauk **28** (1973), no. 3(171), 3–26. [309]

[Bia76] A. Białynicki-Birula, *Some properties of the decompositions of algebraic varieties determined by actions of a torus*, Bull. Acad. Polon. Sci. Sér. Sci. Math. Astronom. Phys. **24** (1976), no. 9, 667–674. [363]

[Big93] Anna Maria Bigatti, *Upper bounds for the Betti numbers of a given Hilbert function*, Commun. Algebra **21** (1993), no. 7, 2317–2334. [40]

[BP79] Louis J. Billera and J. Scott Provan, *A decomposition property for simplicial complexes and its relation to diameters and shellings*, Second International Conference on Combinatorial Mathematics (New York, 1978), New York Academy of Sciences, New York, 1979, pp. 82–85. [330]

[BiS96] Louis J. Billera and A. Sarangarajan, *The combinatorics of permutation polytopes*, Formal power series and algebraic combinatorics (New Brunswick, NJ, 1994), American Mathematical Society, Providence, RI, 1996, pp. 1–23. [80]

[BJS93] Sara C. Billey, William Jockusch, and Richard P. Stanley, *Some combinatorial properties of Schubert polynomials*, J. Algebr. Combin. **2** (1993), no. 4, 345–374. [329]

[BL00] Sara Billey and V. Lakshmibai, *Singular loci of Schubert varieties*, Birkhäuser, Boston, MA, 2000. [309]

[Bj00] Anders Björner, *Face numbers of Scarf complexes*, Discrete Comput. Geom. **24** (2000) no. 2–3, 185–196. [190]

[BB04] Anders Björner and Francesco Brenti, *Combinatorics of Coxeter groups*, Graduate Texts in Mathematics, Springer–Verlag, 2004, to appear. [viii, 309, 330]

[BK88] Anders Björner and Gil Kalai, *An extended Euler–Poincaré theorem*, Acta Math. **161** (1988), no. 3–4, 279–303. [40]

[BK89] Anders Björner and Gil Kalai, *On f-vectors and homology*, Combinatorial Mathematics: Proceedings of the Third International Conference (New York, 1985) (New York), Annals of the New York Academy of Science Vol. 555, New York Academy of Science, 1989, pp. 63–80. [40]

[BLSWZ99] Anders Björner, Michel Las Vergnas, Bernd Sturmfels, Neil White, and Günter M. Ziegler, *Oriented matroids*, second ed., Cambridge University Press, Cambridge, 1999. [72, 329]

[BZ02] Grzegorz Bobiński and Grzegorz Zwara, *Schubert varieties and representations of Dynkin quivers*, Colloq. Math. **94** (2002), no. 2, 285–309. [353]

[BB82] Walter Borho and Jean-Luc Brylinski, *Differential operators on homogeneous spaces. I. Irreducibility of the associated variety for annihilators of induced modules*, Invent. Math. **69** (1982), no. 3, 437–476. [172]

[BB85] Walter Borho and Jean-Luc Brylinski, *Differential operators on homogeneous spaces. III. Characteristic varieties of Harish-Chandra modules and of primitive ideals*, Invent. Math. **80** (1985), no. 1, 1–68. [172]

[Bot57] Raoul Bott, *Homogeneous vector bundles*, Ann. Math. (2) **66** (1957), 203–248. [288]

[Bri77] Joël Briançon, *Description de* $H\mathrm{ilb}^n C\{x,y\}$, Invent. Math. **41** (1977), no. 1, 45–89. [378]

[BKR01] Tom Bridgeland, Alastair King, and Miles Reid, *The McKay correspondence as an equivalence of derived categories*, J. Amer. Math. Soc. **14** (2001), no. 3, 535–554 (electronic). [368]

[Bri88] Michel Brion, *Points entiers dans les polyèdres convexes*, Ann. Sci. École Norm. Sup. (4) **21** (1988), no. 4, 653–663. [246]

[BV97] Michel Brion and Michèle Vergne, *Residue formulae, vector partition functions and lattice points in rational polytopes*, J. Amer. Math. Soc. **10** (1997), no. 4, 797–833. [246]

[BrS98] M. P. Brodmann and R. Y. Sharp, *Local cohomology: an algebraic introduction with geometric applications*, Cambridge Studies in Advanced Mathematics Vol. 60, Cambridge University Press, Cambridge, 1998. [269]

[BC01] Winfried Bruns and Aldo Conca, *KRS and determinantal ideals*, Geometric and combinatorial aspects of commutative algebra (Messina, 1999), Lecture Notes in Pure and Applied Mathematics Vol. 217, Marcel Dekker, New York, 2001, pp. 67–87. [329]

[BC03] Winfried Bruns and Aldo Conca, *Gröbner bases and determinantal ideals*, Commutative algebra, singularities and computer algebra (Sinaia, 2002), NATO Science Series II Mathematics, Physics, and Chemistry Vol. 115, Kluwer Academic, Dordrecht, 2003, pp. 9–66. [329]

[BG99] Winfried Bruns and Joseph Gubeladze, *Normality and covering properties of affine semigroups*, J. Reine Angew. Math. **510** (1999), 161–178. [148]

[BG05] Winfried Bruns and Joseph Gubeladze, *Polytopes, rings, and K-theory*, in preparation, 2005. [148, 172, 208]

[BH98] Winfried Bruns and Jürgen Herzog, *Cohen–Macaulay rings*, revised edition, Cambridge Studies in Advanced Mathematics Vol. 39, Cambridge University Press, Cambridge, 1998. [vii, 19, 80, 100, 106, 227, 251, 258, 264, 265, 266, 269, 270, 329, 342, 347, 353]

[BV88] Winfried Bruns and Udo Vetter, *Determinantal rings*, Lecture Notes in Mathematics Vol. 1327, Springer–Verlag, Berlin, 1988. [329]

[Buc01] Anders Skovsted Buch, *Stanley symmetric functions and quiver varieties*, J. Algebra **235** (2001), no. 1, 243–260. [353]

[Buc02] Anders Skovsted Buch, *Grothendieck classes of quiver varieties*, Duke Math. J. **115** (2002), no. 1, 75–103. [309, 353]

[Buc03] Anders Skovsted Buch, *Alternating signs of quiver coefficients*, preprint, 2003. arXiv:math.CO/0307014 [353]

[BFR03] Anders S. Buch, László M. Fehér, and Richárd Rimányi, *Positivity of quiver coefficients through Thom polynomials*, preprint, 2003. http://home.imf.au.dk/abuch/papers/ [351, 353]

[BF99] Anders Skovsted Buch and William Fulton, *Chern class formulas for quiver varieties*, Invent. Math. **135** (1999), no. 3, 665–687. [288, 352, 353]

[BKTY04a] Anders S. Buch, Andrew Kresch, Harry Tamvakis, and Alexander Yong, *Schubert polynomials and quiver formulas*, Duke Math. J. **122** (2004), no. 1, 125–143. [353]

[BKTY04b] Anders S. Buch, Andrew Kresch, Harry Tamvakis, and Alexander Yong, *Grothendieck polynomials and quiver formulas*, Amer. J. Math., to appear, 2004. arXiv:math.CO/0306389 [353]

[BSY03] Anders Skovsted Buch, Frank Sottile, and Alexander Yong, *Quiver coefficients are Schubert structure constants*, preprint, 2003. arXiv: math.CO/0311390 [353]

[BP02] Victor M. Buchstaber and Taras E. Panov, *Torus actions and their applications in topology and combinatorics*, University Lecture Series Vol. 24, American Mathematical Society, Providence, RI, 2002. [208]

[BCKV00] Daniel Bump, Kwok-Kwong Choi, Pär Kurlberg, and Jeffrey Vaaler, *A local Riemann hypothesis. I*, Math. Zeit. **233** (2000), no. 1, 1–19. [246]

[Cal02] Philippe Caldero, *Toric degenerations of Schubert varieties*, Transform. Groups **7** (2002), no. 1, 51–60. [288]

[Chi00] R. Chirivì, *LS algebras and application to Schubert varieties*, Transform. Groups **5** (2000), no. 3, 245–264. [288]

[CG97] Neil Chriss and Victor Ginzburg, *Representation theory and complex geometry*, Birkhäuser, Boston, MA, 1997. [172]

[CoC] CoCoATeam, CoCoA*: a system for doing computations in commutative algebra*, available at http://cocoa.dima.unige.it. [20]

[Con95] Aldo Conca, *Ladder determinantal rings*, J. Pure Appl. Algebra **98** (1995), no. 2, 119–134. [309]

[CH97] Aldo Conca and Jürgen Herzog, *Ladder determinantal rings have rational singularities*, Adv. Math. **132** (1997), no. 1, 120–147. [309]

[CS04] Aldo Conca and Jessica Sidman, *Generic initial ideals of points and curves*, preprint, 2004. arXiv:math.AC/0402418 [40]

[Cox95] David Cox, *The homogeneous coordinate ring of a toric variety*, J. Algebr. Geom. **4** (1995), 17–50. [208]

[CLO97] David Cox, John Little, and Donal O'Shea, *Ideals, varieties, and algorithms: An introduction to computational algebraic geometry and commutative algebra*, second ed., Undergraduate Texts in Mathematics, Springer–Verlag, New York, 1997. [viii, 24]

[CLO98] David Cox, John Little, and Donal O'Shea, *Using algebraic geometry*, Graduate Texts in Mathematics Vol. 185, Springer–Verlag, New York, 1998. [viii]

[DEP82] Corrado De Concini, David Eisenbud, and Claudio Procesi, *Hodge algebras*, Astérisque Vol. 91, Société Mathématique de France, Paris, 1982, with a French summary. [329]

[DH^{3}SY03] Jesus De Loera, David Haws, Raymond Hemmecke, Peter Huggins, Bernd Sturmfels, Ruriko Yoshida, *Short rational functions for toric algebra and applications*, preprint, 2003. arXiv:math.CO/0307350 [246]

[DH^{3}TY03] J. A. De Loera, D. Haws, R. Hemmecke, P. Huggins, J. Tauzer, and R. Yoshida, *A user guide for LattE v1.1 and Software package*, 2003, available at http://www.math.ucdavis.edu/~latte. [246]

[DRS04] J. A. De Loera, J. Rambau, and F. Santos, *Triangulations of point sets: Applications, structures and algorithms*, Algorithms and Computation in Mathematics, Springer–Verlag, Heidelberg, to appear. [78, 144, 232]

[Dem74] Michel Demazure, *Désingularisation des variétés de Schubert généralisées*, Ann. Sci. École Norm. Sup. (4) **7** (1974), 53–88. [309]

[DW00] Harm Derksen and Jerzy Weyman, *Semi-invariants of quivers and saturation for Littlewood-Richardson coefficients*, J. Amer. Math. Soc. **13** (2000), no. 3, 467–479 (electronic). [353]

[DRS74] Peter Doubilet, Gian-Carlo Rota, and Joel Stein, *On the foundations of combinatorial theory. IX. Combinatorial methods in invariant theory*, Studies Appl. Math. **53** (1974), 185–216. [288, 329]

[DK00] J. J. Duistermaat and J. A. C. Kolk, *Lie groups*, Universitext, Springer–Verlag, Berlin, 2000. [288]

[ER98] John A. Eagon and Victor Reiner, *Resolutions of Stanley–Reisner rings and Alexander duality*, J. Pure Appl. Algebra **130** (1998), no. 3, 265–275. [106]

[EG87] Paul Edelman and Curtis Greene, *Balanced tableaux*, Adv. Math. **63** (1987), no. 1, 42–99. [330]

[EG98] Dan Edidin and William Graham, *Equivariant intersection theory*, Invent. Math. **131** (1998), no. 3, 595–634. [172, 309]

[Eis95] David Eisenbud, *Commutative algebra, with a view toward algebraic geometry*, Graduate Texts in Mathematics Vol. 150, Springer–Verlag, New York, 1995. [viii, 12, 24, 26, 32, 40, 133, 135, 147, 152, 154, 155, 156, 159, 165, 230, 231, 263, 264, 301, 347, 363, 373]

[Eis04] David Eisenbud, *Geometry of Syzygies*, Graduate Texts in Mathematics, Springer–Verlag, New York, 2004, to appear. [viii]

[EH00] David Eisenbud and Joe Harris, *The geometry of schemes*, Graduate Texts in Mathematics Vol. 197, Springer–Verlag, New York, 2000. [viii, 378]

[EMS00] David Eisenbud, Mircea Mustaţă, and Michael Stillman, *Cohomology of sheaves on toric varieties*, J. Symbolic Comp. **29** (2000), 583–600. [269]

[Ehr62a] Eugène Ehrhart, *Sur les polyèdres rationnels homothétiques à n dimensions*, C. R. Acad. Sci. Paris **254** (1962), 616–618. [246]

[Ehr62b] Eugène Ehrhart, *Sur les polyèdres homothétiques bordésà n dimensions*, C. R. Acad. Sci. Paris **254** (1962), 988–990. [246]

[Ehr67a] Eugène Ehrhart, *Sur un problème de géométrie diophantienne linéaire. I. Polyèdres et réseaux*, J. Reine Angew. Math. **226** (1967), 1–29. [246]

[Ehr67b] Eugène Ehrhart, *Sur un problème de géométrie diophantienne linéaire. II. Systèmes diophantiens linéaires*, J. Reine Angew. Math. **227** (1967), 25–49. [246]

[Ehr67c] Eugène Ehrhart, *Démonstration de la loi de réciprocité pour un polyèdre entier*, C. R. Acad. Sci. Paris Sér. A-B **265** (1967), A5–A7. [246]

[ES04] Torsten Ekedahl and Roy Skjelnes, *Recovering the good component of the Hilbert scheme*, preprint, 2004. arXiv:math.AG/0405073 [378]

[EK90] Shalom Eliahou and Michel Kervaire, *Minimal resolutions of some monomial ideals*, J. Algebra **129** (1990), no. 1, 1–25. [40]

[EGM98] J. Elias, J. M. Giral, and R. M. Miró-Roig (eds.), *Six lectures on commutative algebra*, Progress in Mathematics Vol. 166, Birkhäuser Verlag, Basel, 1998. [viii]

[Eva02] Laurent Evain, *Incidence relations among the Schubert cells of equivariant punctual Hilbert schemes*, Math. Zeit. **242** (2002), no. 4, 743–759. [375]

[Ewa96] Günter Ewald, *Combinatorial convexity and algebraic geometry*, Graduate Texts in Mathematics Vol. 168, Springer–Verlag, New York, 1996. [viii, 208]

[FR02] László Fehér and Richárd Rimányi, *Classes of degeneracy loci for quivers: the Thom polynomial point of view*, Duke Math. J. **114** (2002), no. 2, 193–213. [353]

[Fel01] Stefan Felsner, *Convex drawings of planar graphs and the order dimension of 3-polytopes*, Order **18** (2001), no. 1, 19–37. [60]

[Fel03] Stefan Felsner, *Geodesic embeddings and planar graphs*, Order **20** (2003), no. 2, 135–150. [60]

[Fog68] John Fogarty, *Algebraic families on an algebraic surface*, Amer. J. Math. **90** (1968), 511–521. [377]

[FK96] Sergey Fomin and Anatol N. Kirillov, *The Yang–Baxter equation, symmetric functions, and Schubert polynomials*, Discrete Math. **153** (1996), no. 1–3, 123–143. [329]

[FS94] Sergey Fomin and Richard P. Stanley, *Schubert polynomials and the nil-Coxeter algebra*, Adv. Math. **103** (1994), no. 2, 196–207. [329]

[Ful92] William Fulton, *Flags, Schubert polynomials, degeneracy loci, and determinantal formulas*, Duke Math. J. **65** (1992), no. 3, 381–420. [309, 330]

[Ful93] William Fulton, *Introduction to toric varieties*, Princeton University Press, Princeton, NJ, 1993. [208]

[Ful97] William Fulton, *Young tableaux*, London Mathematical Society Student Texts Vol. 35, Cambridge University Press, Cambridge, 1997. [288]

[Ful99] William Fulton, *Universal Schubert polynomials*, Duke Math. J. **96** (1999), no. 3, 575–594. [353]

[FM05] William Fulton and Mircea Mustaţă, book on toric varieties, in preparation. [207, 208, 256]

[FP98] William Fulton and Piotr Pragacz, *Schubert varieties and degeneracy loci*, Springer–Verlag, Berlin, 1998. [309, 353]

[GR97] P. Gabriel and A. V. Roiter, *Representations of finite-dimensional algebras*, Springer–Verlag, Berlin, 1997, translated from the Russian. [353]

[Gal74] André Galligo, *À propos du théorème de-préparation de Weierstrass*, Fonctions de plusieurs variables complexes, Lecture Notes in Mathematics Vol. 409, Springer, Berlin, 1974, pp. 543–579. [40]

[GPW99] Vesselin Gasharov, Irena Peeva, and Volkmar Welker, *The lcm-lattice in monomial resolutions*, Math. Res. Lett. **6** (1999), no. 5–6, 521–532. [80]

[GM88] Rüdiger Gebauer and H. Michael Möller, *On an installation of Buchberger's algorithm*, J. Symbolic Comput. **6** (1988), no. 2–3, 275–286. [60]

[GT50] I. M. Gelfand and M. L. Tsetlin, *Finite-dimensional representations of the group of unimodular matrices*, Dokl. Akad. Nauk SSSR (N.S.) **71** (1950), 825–828. [288]

[Gia04] G. Z. Giambelli, *Ordine di una varietà più ampia di quella rappresentata coll'annullare tutti i minori di dato ordine estratti da una data matrice generica di forme*, Mem. R. Ist. Lombardo **3** (1904), no. 11, 101–135. [310]

[GL96] N. Gonciulea and V. Lakshmibai, *Degenerations of flag and Schubert varieties to toric varieties*, Transform. Groups **1** (1996), no. 3, 215–248. [288]

[GL97] N. Gonciulea and V. Lakshmibai, *Schubert varieties, toric varieties, and ladder determinantal varieties*, Ann. Inst. Fourier (Grenoble) **47** (1997), no. 4, 1013–1064. [309]

[GL00] N. Gonciulea and V. Lakshmibai, *Singular loci of ladder determinantal varieties and Schubert varieties*, J. Algebra **229** (2000), no. 2, 463–497. [309]

[GM00] Nicolae Gonciulea and Claudia Miller, *Mixed ladder determinantal varieties*, J. Algebra **231** (2000), no. 1, 104–137. [309]

[GW78] Shiro Goto and Keiichi Watanabe, *On graded rings, II ($\mathbb{Z}^n$-graded rings)*, Tokyo J. Math. **1** (1978), no. 2, 237–261. [228, 269, 270]

[Göt02] L. Göttsche, *Hilbert schemes of points on surfaces*, Proceedings of the International Congress of Mathematicians, Vol. II (Beijing, 2002), Higher Education Press, Beijing, 2002, pp. 483–494. [378]

[Grä84] Hans-Gert Gräbe, *The canonical module of a Stanley–Reisner ring*, J. Algebra **86** (1984), 272–281. [269]

[GS04] Daniel R. Grayson and Michael E. Stillman, *Macaulay 2, a software system for research in algebraic geometry*, available by ftp at http://www.math.uiuc.edu/Macaulay2/ [20, 75, 106]

[GM92] John P. C. Greenlees and J. Peter May, *Derived functors of I-adic completion and local homology*, J. Algebra **149** (1992), no. 2, 438–453. [106, 270]

[GP02] Gert-Martin Greuel and Gerhard Pfister, *A* **singular** *introduction to commutative algebra*, Springer–Verlag, Berlin, 2002. [viii]

[GPS01] G.-M. Greuel, G. Pfister, and H. Schönemann, SINGULAR 2.0, *A Computer Algebra System for Polynomial Computations*, Centre for Computer Algebra, University of Kaiserslautern (2001), available at http://www.singular.uni-kl.de [20]

[Gru93] Peter Gruber, *Geometry of numbers*. Handbook of convex geometry, North-Holland, Amsterdam, 1993, Vol. A, B, pp. 739–763. [243]

[Grü03] Branko Grünbaum, *Convex polytopes*, second ed., Graduate Texts in Mathematics Vol. 221, Springer–Verlag, New York, 2003. [viii]

[GS83] Victor Guillemin and Shlomo Sternberg, *The Gel′fand–Cetlin system and quantization of the complex flag manifolds*, J. Funct. Anal. **52** (1983), no. 1, 106–128. [288]

[Hai92] Mark D. Haiman, *Dual equivalence with applications, including a conjecture of Proctor*, Discrete Math. **99** (1992), no. 1–3, 79–113. [330]

[Hai98] Mark Haiman, *t, q-Catalan numbers and the Hilbert scheme*, Discrete Math. **193** (1998), no. 1–3, 201–224. [378]

[Hai01] Mark Haiman, *Hilbert schemes, polygraphs and the Macdonald positivity conjecture*, J. Amer. Math. Soc. **14** (2001), no. 4, 941–1006. (electronic). [266, 378]

[Hai02] Mark Haiman, *Vanishing theorems and character formulas for the Hilbert scheme of points in the plane*, Invent. Math. **149** (2002), no. 2, 371–407. [266, 378]

[Hai03] Mark Haiman, *Combinatorics, symmetric functions, and Hilbert schemes*, Current developments in mathematics, 2002, International Press, Somerville, MA, 2003, pp. 39–111. [378]

[Hai04] Mark Haiman, *Commutative algebra of N points in the plane*, Lectures in Contemporary Commutative Algebra (L. Avramov, M. Green, C. Huneke, K. Smith, and B. Sturmfels, eds.), Mathematical Sciences Research Institute Publications, Cambridge University Press, Cambridge, 2004. [378]

[HS04] Mark Haiman and Bernd Sturmfels, *Multigraded Hilbert schemes*, J. Alg. Geom. **13** (2004), no. 4, 725–769. [375, 378]

[Har66a] Robin Hartshorne, *Connectedness of the Hilbert scheme*, Inst. Hautes Études Sci. Publ. Math. **29** (1966), 5–48. [40, 361, 376]

[Har66b] Robin Hartshorne, *Residues and duality*, Lecture Notes in Mathematics Vol. 20, Springer–Verlag, Berlin, 1966. [233, 246, 265, 270]

[Har70] Robin Hartshorne, *Affine duality and cofiniteness*, Invent. Math. **9** (1969/1970), 145–164. [269]

[Har77] Robin Hartshorne, *Algebraic geometry*, Graduate Texts in Mathematics Vol. 52, Springer–Verlag, New York, 1977. [viii, 172, 301]

[Hat02] Allen Hatcher, *Algebraic topology*, Cambridge University Press, Cambridge, 2002. [9, 19, 106]

[HM03] David Helm and Ezra Miller, *Bass numbers of semigroup-graded local cohomology*, Pacific J. Math. **209**, no. 1 (2003), 41–66. [270]

[HM04] David Helm and Ezra Miller, *Algorithms for graded injective resolutions and local cohomology over semigroup rings*, J. Symbolic Comput., to appear, 2004. arXiv:math.CO/0309256 [228, 270]

[HT92] Jürgen Herzog and Ngô Viêt Trung, *Gröbner bases and multiplicity of determinantal and Pfaffian ideals*, Adv. Math. **96** (1992), no. 1, 1–37. [309, 310, 329]

[Hib86] Takayuki Hibi, *Every affine graded ring has a Hodge algebra structure*, Rend. Sem. Mat. Univ. Politec. Torino **44** (1986), no. 2, 277–286 (1987). [329]

[Hib87] Takayuki Hibi, *Distributive lattices, affine semigroup rings and algebras with straightening laws*, Commutative algebra and combinatorics (Kyoto, 1985), Advanced Studies in Pure Mathematics Vol. 11, North-Holland, Amsterdam, 1987, pp. 93–109. [288]

[Hib92] Takayuki Hibi, *Algebraic combinatorics on convex polytopes*, Carslaw Publications, Glebe, Australia, 1992. [viii, 19, 329]

[Hil98] Lutz Hille, *Toric quiver varieties*, Algebras and modules, II (Geiranger, 1996), CMS Conference Proceedings Vol. 24, American Mathematical Society, Providence, RI, 1998, pp. 311–325. [208]

[Hoc72] M. Hochster, *Rings of invariants of tori, Cohen–Macaulay rings generated by monomials, and polytopes*, Ann. Math. (2) **96** (1972), 318–337. [270]

[Hoc77] Melvin Hochster, *Cohen–Macaulay rings, combinatorics, and simplicial complexes*, Ring theory, II (Proc. Second Conf., Univ. Oklahoma, Norman, Okla., 1975) (B. R. McDonald and R. Morris, eds.), Lecture Notes in Pure and Applied Mathematics Vol. 26, Marcel Dekker, New York, 1977, pp. 171–223. [19, 105, 269]

[Hof79] Douglas R. Hofstadter, *Gödel, Escher, Bach: An eternal golden braid*, Basic Books, New York, 1979. [208]

[HM99] S. Hoşten and W. Morris, Jr. *The order dimension of the complete graph*, Discrete Math. **201** (1999), 133–139. [121, 122, 126]

[HoS02] Serkan Hoşten and Gregory G. Smith, *Monomial ideals*, Computations in algebraic geometry with Macaulay 2, Algorithms and Computation in Mathematics Vol. 8, Springer–Verlag, Berlin, 2002, pp. 73–100. [106]

[Hul93] Heather A. Hulett, *Maximum Betti numbers of homogeneous ideals with a given Hilbert function*, Commun. Algebra **21** (1993), no. 7, 2335–2350. [40]

[Hum90] James E. Humphreys, *Reflection groups and Coxeter groups*, Cambridge University Press, Cambridge, 1990. [309]

[Iar72] Anthony Iarrobino, *Reducibility of the families of* 0*-dimensional schemes on a variety*, Invent. Math. **15** (1972), 72–77. [378]

[Ish80] Masa-Nori Ishida, *Torus embeddings and dualizing complexes*, Tôhoku Math. J. (2) **32** (1980), no. 1, 111–146. [246, 270]

[Ish87] Masa-Nori Ishida, *The local cohomology groups of an affine semigroup ring*, Algebraic geometry and commutative algebra in Honor of Masayaoshi Nagata, Vol. I, Kinokuniya, Tokyo, 1987, pp. 141– 153. [148, 246, 270]

[Jos84] Anthony Joseph, *On the variety of a highest weight module*, J. Algebra **88** (1984), no. 1, 238–278. [172]

[KK79] Bernd Kind and Peter Kleinschmidt, *Schälbare Cohen–Macauley-Komplexe und ihre Parametrisierung*, Math. Zeit. **167** (1979), no. 2, 173–179. [270]

[KMS04] Allen Knutson, Ezra Miller, and Mark Shimozono, *Four positive formulae for type A quiver polynomials.* arXiv:math.AG/0308142 [172, 330, 351, 352, 353]

[KnM04a] Allen Knutson and Ezra Miller, *Subword complexes in Coxeter groups*, Adv. Math. **184** (2004), 161–176. [106, 330]

[KnM04b] Allen Knutson and Ezra Miller, *Gröbner geometry of Schubert polynomials*, Ann. Math. (2), to appear, 2004. arXiv:math.AG/0110058 [172, 309, 329, 330]

[Kog00] Mikhail Kogan, *Schubert geometry of flag varieties and Gel′fand–Cetlin theory*, Ph.D. thesis, Massachusetts Institute of Technology, 2000. [288, 330]

[KoM04] Mikhail Kogan and Ezra Miller, *Toric degeneration of Schubert varieties and Gelfand–Tsetlin polytopes*, Adv. Math., to appear, 2004. arXiv:math.AG/0303208 [288, 330]

[KP99] C. Krattenthaler and M. Prohaska, *A remarkable formula for counting nonintersecting lattice paths in a ladder with respect to turns*, Trans. Amer. Math. Soc. **351** (1999), no. 3, 1015–1042. [309]

[KR00] Martin Kreuzer and Lorenzo Robbiano, *Computational commutative algebra. 1*, Springer–Verlag, Berlin, 2000. [viii]

[Lak03] V. Lakshmibai, *The development of standard monomial theory. II*, A tribute to C. S. Seshadri (Chennai, 2002), Birkhäuser, Basel, 2003, pp. 283–309. [288]

[LM98] V. Lakshmibai and Peter Magyar, *Degeneracy schemes, quiver schemes, and Schubert varieties*, Int. Math. Res. Notices (1998), no. 12, 627–640. [352]

[LS82a] Alain Lascoux and Marcel-Paul Schützenberger, *Polynômes de Schubert*, C. R. Acad. Sci. Paris Sér. I Math. **294** (1982), no. 13, 447–450. [309]

[LS82b] Alain Lascoux and Marcel-Paul Schützenberger, *Structure de Hopf de l'anneau de cohomologie et de l'anneau de Grothendieck d'une variété de drapeaux*, C. R. Acad. Sci. Paris Sér. I Math. **295** (1982), no. 11, 629–633. [309]

[LS85] Alain Lascoux and Marcel-Paul Schützenberger, *Schubert polynomials and the Littlewood–Richardson rule*, Lett. Math. Phys. **10** (1985), no. 2–3, 111–124. [330]

[LS89] Alain Lascoux and Marcel-Paul Schützenberger, *Tableaux and noncommutative Schubert polynomials*, Funct. Anal. Appl. **23** (1989), 63–64. [330]

[Lit98a] Peter Littelmann, *Cones, crystals, and patterns*, Transform. Groups **3** (1998), no. 2, 145–179. [288]

[Lyu88] Gennady Lyubeznik, *A new explicit finite free resolution of ideals generated by monomials in an R-sequence*, J. Pure Appl. Algebra **51** (1988), no. 1–2, 193–195. [80]

[Mac27] Francis S. Macaulay, *Some properties of enumeration in the theory of modular systems*, Proc. London Math. Soc. **26** (1927), 531–555. [34, 40]

[Macd63] Ian G. Macdonald, *The volume of a lattice polyhedron*, Proc. Cambridge Philos. Soc. **59** (1963), 719–726. [246]

[Macd71] I. G. Macdonald, *Polynomials associated with finite cell-complexes*, J. London Math. Soc. (2) **4** (1971), 181–192. [246]

[Macd91] Ian G. Macdonald, *Notes on Schubert polynomials*, Publications du LACIM, Universitè du Québec à Montréal, Montréal, 1991. [309]

[Macd95] Ian G. Macdonald, *Symmetric functions and Hall polynomials*, second ed., Clarendon Press/Oxford University Press, New York, 1995. [305, 368]

[MS04a] Diane Maclagan and Gregory G. Smith, *Multigraded Castelnuovo–Mumford regularity*, J. Reine Angew. Math. **571** (2004), 179–212. [378]

[MS04b] Diane Maclagan and Gregory G. Smith, *Uniform bounds on multigraded regularity*, J. Alg. Geom., to appear, 2004. arXiv:math.AG/0305215 [378]

[MacL95] Saunders Mac Lane, *Homology*, Classics in Mathematics, Springer–Verlag, Berlin, 1995, reprint of the 1975 edition. [20, 269]

[MacL98] Saunders Mac Lane, *Categories for the working mathematician*, second ed., Graduate Texts in Mathematics Vol. 5, Springer–Verlag, New York, 1998. [viii, 183]

[Man01] Laurent Manivel, *Symmetric functions, Schubert polynomials and degeneracy loci*, SMF/AMS Texts and Monographs Vol. 6, American Mathematical Society, Providence, RI, 2001, translated from the 1998 French original by John R. Swallow, Cours Spécialisés [Specialized Courses], 3. [309, 353]

[Mar03] Jeremy L. Martin, *Geometry of graph varieties*, Trans. Amer. Math. Soc. **355** (2003), no. 10, 4151–4169 (electronic). [330]

[Mar03] Jeremy Martin, *The slopes determined by n points in the plane*, preprint, 2003. arXiv:math.AG/0302106 [172, 330]

[Mil98] Ezra Miller, *Alexander duality for monomial ideals and their resolutions*. arXiv:math.AG/9812095 [80, 126, 270]

[Mil00a] Ezra Miller, *The Alexander duality functors and local duality with monomial support*, J. Algebra **231** (2000), 180–234. [20, 106, 126, 228, 269, 270]

[Mil00b] Ezra Miller, *Resolutions and duality for monomial ideals*, Ph.D. thesis, University of California at Berkeley, 2000. [106, 262]

[Mil02a] Ezra Miller, *Graded Greenlees–May duality and the Čech hull*, Local cohomology and its applications (Guanajuato, 1999), Lecture Notes in Pure and Applied Mathematics Vol. 226, Marcel Dekker, New York, 2002, pp. 233–253. [106, 270]

[Mil02b] Ezra Miller, *Planar graphs as minimal resolutions of trivariate monomial ideals*, Documenta Math. **7** (2002), 43–90 (electronic). [60, 80, 106]

[Mil02c] Ezra Miller, *Cohen–Macaulay quotients of normal semigroup rings via irreducible resolutions*, Math. Res. Lett. **9** (2002), no. 1, 117–128. [228]

[Mil03a] Ezra Miller, *Mitosis recursion for coefficients of Schubert polynomials*, J. Combin. Theory, Ser. A **103** (2003), 223–235. [329]

[Mil03b] Ezra Miller, *Alternating formulas for K-theoretic quiver polynomials*, Duke Math J., to appear. arXiv:math.CO/0312250 [353]

[MP01] Ezra Miller and David Perkinson, *Eight lectures on monomial ideals*, COCOA VI: Proceedings of the International School, Villa Gualino—May–June, 1999 (Anthony V. Geramita, ed.), Queens Papers in Pure and Applied Mathematics Vol. 120, Queen's University, Kingston, Ontario, Canada, 2001, pp. 3–105. [vii]

[MS99] Ezra Miller and Bernd Sturmfels, *Monomial ideals and planar graphs*, Applied Algebra, Algebraic Algorithms and Error-Correcting Codes (M. Fossorier, H. Imai, S. Lin, and A. Poli, eds.), Springer Lecture Notes in Computer Science Vol. 1719, Springer–Verlag, Berlin, 1999, pp. 19–28. [60, 75]

[MSY00] Ezra Miller, Bernd Sturmfels, and Kohji Yanagawa, *Generic and cogeneric monomial ideals*, J. Symbolic Comput. **29** (2000), 691–708. [80, 126]

[MS96] J. V. Motwani and M. A. Sohoni, *Divisor class groups of ladder determinantal varieties*, J. Algebra **186** (1996), no. 2, 338–367. [309]

[Mul89] S. B. Mulay, *Determinantal loci and the flag variety*, Adv. Math. **74** (1989), no. 1, 1–30. [309]

[MFK94] D. Mumford, J. Fogarty, and F. Kirwan, *Geometric invariant theory*, third ed., Ergebnisse der Mathematik und ihrer Grenzgebiete (2) [Results in Mathematics and Related Areas (2)] Vol. 34, Springer–Verlag, Berlin, 1994. [208]

[Mun84] James R. Munkres, *Elements of algebraic topology*, Addison–Wesley, Menlo Park, CA, 1984. [9, 19, 106]

[Mus03] C. Musili, *The development of standard monomial theory. I*, A tribute to C. S. Seshadri (Chennai, 2002), Birkhäuser, Basel, 2003, pp. 385–420. [288]

[Mus94] Ian M. Musson, *Differential operators on toric varieties*, J. Pure Appl. Algebra **95** (1994), no. 3, 303–315. [208]

[Mus00] Mircea Mustaţă, *Local cohomology at monomial ideals*, J. Symbolic Comput. **29** (2000), 709–720. [269, 270]

[Mus02] Mircea Mustaţă, *Vanishing theorems on toric varieties*, Tohoku Math. J. (2) **54** (2002), no. 3, 451–470. [208, 269]

[Nak99] Hiraku Nakajima, *Lectures on Hilbert schemes of points on surfaces*, University Lecture Series Vol. 18, American Mathematical Society, Providence, RI, 1999. [378]

[NPS02] Isabella Novik, Alexander Postnikov, and Bernd Sturmfels, *Syzygies of oriented matroids*, Duke Math. J. **111** (2002), no. 2, 287–317. [80]

[Oda88] Tadao Oda, *Convex bodies and algebraic geometry*, Ergebnisse der Mathematik und ihrer Grenzgebiete (3) [Results in Mathematics and Related Areas (3)] Vol. 15, Springer–Verlag, Berlin, 1988. [208]

[Par94] Keith Pardue, *Nonstandard Borel-fixed ideals*, Ph.D. thesis, Brandeis University, 1994. [40]

[PS98a] Irena Peeva and Bernd Sturmfels, *Generic lattice ideals*, J. Amer. Math. Soc. **11** (1998), no. 2, 363–373. [190]

[PS02] Irena Peeva and Mike Stillman, *Toric Hilbert schemes*, Duke Math. J. **111** (2002), no. 3, 419–449. [378]

[PS98b] Irena Peeva and Bernd Sturmfels, *Syzygies of codimension* 2 *lattice ideals*, Math. Zeit. **229** (1998), no. 1, 163–194. [190]

[PS04] Alexander Postnikov and Boris Shapiro, *Trees, parking functions, syzygies, and deformations of monomial ideals*, Trans. Amer. Math. Soc. **356** (2004), no. 8, 3109–3142 (electronic). [126]

[PSS99] Alexander Postnikov, Boris Shapiro, and Mikhail Shapiro, *Algebras of curvature forms on homogeneous manifolds*, Differential topology, infinite-dimensional Lie algebras, and applications, American Mathematical Society Translations Series 2 Vol. 194, American Mathematical Society, Providence, RI, 1999, pp. 227–235. [80]

[Ram85] A. Ramanathan, *Schubert varieties are arithmetically Cohen–Macaulay*, Invent. Math. **80** (1985), no. 2, 283–294. [330]

[RS95] Victor Reiner and Mark Shimozono, *Plactification*, J. Algebr. Combin. **4** (1995), no. 4, 331–351. [330]

[Rei76] Gerald Allen Reisner, *Cohen–Macaulay quotients of polynomial rings*, Adv. Math. **21** (1976), no. 1, 30–49. [106, 270]

[RS90] Lorenzo Robbiano and Moss Sweedler, *Subalgebra bases*, Commutative algebra (Salvador, 1988), Lecture Notes in Mathematics Vol. 1430, Springer–Verlag, Berlin, 1990, pp. 61–87. [288]

[Ros89] W. Rossmann, *Equivariant multiplicities on complex varieties III: Orbites unipotentes et représentations*, Astérisque **11** (1989), no. 173–174, 313–330. [172]

[Rot88] Joseph J. Rotman, *An introduction to algebraic topology*, Graduate Texts in Mathematics Vol. 119, Springer–Verlag, New York, 1988. [viii, 9, 19, 94, 106]

[San04] Francisco Santos, *Non-connected toric Hilbert schemes*, Math. Ann., to appear, 2004. arXiv:math.CO/0204044 [377]

[Sca86] Herbert Scarf, *Neighborhood systems for production sets with indivisibilities*, Econometrica **54** (1986), no. 3, 507–532. [126, 190]

[SS90] Uwe Schäfer and Peter Schenzel, *Dualizing complexes of affine semigroup rings*, Trans. Amer. Math. Soc. **322** (1990), no. 2, 561–582. [270]

[Sch03] Hal Schenck, *Computational algebraic geometry*, London Mathematical Society Student Texts Vol. 58, Cambridge University Press, Cambridge, 2003. [viii]

[Sch86] Alexander Schrijver, *Theory of linear and integer programming*, Wiley-Interscience Series in Discrete Mathematics, John Wiley & Sons, Chichester, 1986. [148]

[Ses95] C. S. Seshadri, *The work of P. Littelmann and standard monomial theory*, Current Trends in Mathematics and Physics, Narosa, New Delhi, 1995, pp. 178–197. [288]

[Sta78] Richard P. Stanley, *Hilbert functions of graded algebras*, Adv. Math. **28** (1978), no. 1, 57–83. [264]

[Sta84] Richard P. Stanley, *On the number of reduced decompositions of elements of Coxeter groups*, Eur. J. Combin. **5** (1984), no. 4, 359–372. [330]

[Sta96] Richard P. Stanley, *Combinatorics and commutative algebra*, second ed., Progress in Mathematics Vol. 41, Birkhäuser, Boston, MA, 1996. [vii, 8, 19, 190, 266, 269, 270, 406]

[Sta97] Richard P. Stanley, *Enumerative combinatorics. Vol. 1*, Cambridge Studies in Advanced Mathematics Vol. 49, Cambridge University Press, Cambridge, 1997. [232]

[Stu90] Bernd Sturmfels, *Gröbner bases and Stanley decompositions of determinantal rings*, Math. Zeit. **205** (1990), no. 1, 137–144. [329]

[Stu93] Bernd Sturmfels, *Algorithms in invariant theory.* Texts and Monographs in Symbolic Computation, Springer–Verlag, Vienna, 1993. [288]

[Stu95] Bernd Sturmfels, *On vector partition functions*, J. Combin. Theory Ser. A **72** (1995), no. 2, 302–309. [246]

[Stu96] Bernd Sturmfels, *Gröbner bases and convex polytopes*, AMS University Lecture Series Vol. 8, American Mathematical Society, Providence, RI, 1996. [viii, 148, 187, 286]

[Stu99] Bernd Sturmfels, *The co-Scarf resolution*, Commutative algebra, algebraic geometry, and computational methods (Hanoi, 1996) (David Eisenbud, ed.), Springer–Verlag, Singapore, 1999, pp. 315–320. [126]

[Stu00] Bernd Sturmfels, *Four counterexamples in combinatorial algebraic geometry*, J. Algebra **230** (2000), no. 1, 282–294. [378]

[SWZ95] Bernd Sturmfels, Robert Weismantel and Günter Ziegler, *Gröbner bases of lattices, corner polyhedra, and integer programming*, Beit. Alg. und Geom. **36** (1995), 281–298. [148]

[SW89] Bernd Sturmfels and Neil White, *Gröbner bases and invariant theory*, Adv. Math. **76** (1989), no. 2, 245–259. [288]

[Tay60] Diana Taylor, *Ideals generated by monomials in an R-sequence*, Ph.D. thesis, University of Chicago, 1960. [80]

[Ter99a] Naoki Terai, *Alexander duality theorem and Stanley–Reisner rings*, Free resolutions of coordinate rings of projective varieties and related topics (Kyoto, 1998), Sūrikaisekikenkyūsho Kōkyūroku Vol. 1078, 1999, pp. 174–184 (Japanese). [106]

[Ter99b] Naoki Terai, *Local cohomology modules with respect to monomial ideals*, preprint, 1999. [269, 270]

[Tho02] Howard Thompson, *On toric log schemes*, Ph.D. thesis, University of California at Berkeley, 2002. [148]

[Tot99] Burt Totaro, *The Chow ring of a classifying space*, Algebraic K-theory (Seattle, WA, 1997), American Mathematical Society, Providence, RI, 1999, pp. 249–281. [172, 309]

[TH86] Ngô Viết Trung and Lê Tuấn Hoa, *Affine semigroups and Cohen–Macaulay rings generated by monomials*, Trans. Amer. Math. Soc. **298** (1986), no. 1, 145–167. [269, 270]

[Vas98] Wolmer V. Vasconcelos, *Computational methods in commutative algebra and algebraic geometry*, Algorithms and Computation in Mathematics Vol. 2, Springer–Verlag, Berlin, 1998. [viii, 172, 228]

[Ver03] Michèle Vergne, *Residue formulae for Verlinde sums, and for number of integral points in convex rational polytopes*, European women in mathematics (Malta, 2001), World Scientific Publishing, River Edge, NJ, 2003, pp. 225–285. [246]

[Vil01] Rafael H. Villarreal, *Monomial algebras*, Monographs and Textbooks in Pure and Applied Mathematics Vol. 238, Marcel Dekker, New York, 2001. [viii, 148]

[Wag96] David G.Wagner, *Singularities of toric varieties associated with finite distributive lattices*, J. Algebr. Combin. **5** (1996), no. 2, 149–165. [287]

[Wei94] Charles A. Weibel, *An introduction to homological algebra*, Cambridge Studies in Advanced Mathematics Vol. 38, Cambridge University Press, Cambridge, 1994. [15, 17, 20, 252, 269]

[Wei92] Volker Weispfenning, *Comprehensive Gröbner bases*, J. Symbolic Comput. **14** (1992), no. 1, 1–29. [25]

[Wes01] Douglas B. West, *Introduction to graph theory*, second ed., Prentice–Hall, Upper Saddle River, NJ, 2001. [53]

[Wey97] Hermann Weyl, *The classical groups, Their invariants and representations*, Princeton Landmarks in Mathematics, Princeton University Press, Princeton, NJ, 1997 (reprint of the 1946 second edition). [378]

[Woo04a] Alexander Woo, *Multiplicities of the most singular point on Schubert varieties in* GL_n/B *for* $n = 5, 6$, preprint, 2004. arXiv:math.AG/0407158 [330]

[Woo04b] Alexander Woo, *Catalan numbers and Schubert polynomials for* $w = 1(n+1)...2$, preprint, 2004. arXiv:math.CO/0407160 [330]

[Yan00] Kohji Yanagawa, *Alexander duality for Stanley–Reisner rings and squarefree* $\mathbb{N}^n$*-graded modules*, J. Algebra **225** (2000), no. 2, 630–645. [106]

[Yan01] Kohji Yanagawa, *Sheaves on finite posets and modules over normal semigroup rings*, J. Pure Appl. Algebra **161** (2001), no. 3, 341–366. [269]

[Yan02] Kohji Yanagawa, *Squarefree modules and local cohomology modules at monomial ideals*, Local cohomology and its applications (Guanajuato, 1999), Lecture Notes in Pure and Applied Mathematics Vol. 226, Marcel Dekker, New York, 2002, pp. 207–231. [270]

[Yon03] Alexander Yong, *On combinatorics of quiver component formulas*, preprint, 2003. arXiv:math.CO/0307019 [353]

[You77] Alfred Young, *The collected papers of Alfred Young (1873–1940)*, University of Toronto Press, Toronto, Ontario, Buffalo, NY, 1977. [288]

[Zel85] A. V. Zelevinskiĭ, *Two remarks on graded nilpotent classes*, Usp. Mat. Nauk **40** (1985), no. 1(241), 199–200. [352]

[Zie95] Günter M. Ziegler, *Lectures on polytopes*, Graduate Texts in Mathematics Vol. 152, Springer–Verlag, New York, 1995. [viii, 62, 73, 77, 119, 134, 199, 205, 235]