

## Juan Migliore's List of Publications

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### Books

1. [MR1301773](#) J. Migliore. "An Introduction to Deficiency Modules and Liaison Theory for Subschemes of Projective Space." Monograph, 146 + v pages. Volume 24 of Lecture Notes Series, Global Analysis Research Center, Seoul National University, 1994.
2. [MR1712469](#) J. Migliore. "Introduction to Liaison Theory and Deficiency Modules." Birkhäuser, Progress in Mathematics 165, 1998; 224 pp. Hardcover, ISBN 0-8176-4027-4.
3. [MR2389249](#) A. Corso, J. Migliore and C. Polini (editors), "Algebra, Geometry and their Interactions," Contemporary Math. vol. 448 (2007), ISBN-10: 0-8218-4094-0, ISBN-13: 978-0-8218-4094-8. Articles

### Papers

#### 1986

1. [MR0837562](#) J. Migliore, *Geometric Invariants for Liaison of Space Curves*, J. Algebra 99 (1986), 548–572.
2. [MR0819941](#) J. Migliore, *On Linking Double Lines*, Trans. Amer. Math. Soc. 294 (1986), 177–185.
3. [MR0922917](#) J. Migliore, *Buchsbaum Curves in  $\mathbb{P}^3$* , in: Proceedings of the Conference on Algebraic Geometry, East Berlin (1985), Teubner-Texte zur Mathematik, 1986.
4. [MR0883977](#) J. Migliore, *Examples in Liaison*, in: The Curves Seminar at Queen's, vol. IV, Queen's Papers in Pure and Applied Mathematics, 1986.

#### 1987

5. [MR0910658](#) J. Migliore, *Liaison of a Union of Skew Lines in  $\mathbb{P}^3$* , Pacific J. of Math. 130 (1987), 153–170.
6. [MR0901706](#) G. Bolondi and J. Migliore, *Classification of Maximal Rank Curves in the Liaison Class  $\mathcal{L}_n$* , Math. Ann. 277 (1987), 585–603.

#### 1988

7. [MR0963546](#) A.V. Geramita and J. Migliore, *On the Ideal of an Arithmetically Buchsbaum Curve*, J. Pure Appl. Algebra 54 (1988), 215–247.

#### 1989

8. [MR1000496](#) G. Bolondi and J. Migliore, *Buchsbaum Liaison Classes*, J. Algebra 123 (1989), 426–56.
9. [MR1001472](#) A.V. Geramita and J. Migliore, *Generators for the Ideal of an Arithmetically Buchsbaum Curve*, J. Pure Appl. Algebra 58 (1989), 147–167.
10. [MR0968882](#) G. Bolondi and J. Migliore, *The Structure of an Even Liaison Class*, Trans. Amer. Math. Soc. 316 (1989), 1–37.
11. [MR1030613](#) A.V. Geramita and J. Migliore, *Hyperplane Sections of a Smooth Curve in  $\mathbb{P}^3$* , Comm. Algebra 17 (1989), 3129–3164.
12. [MR1023387](#) G. Bolondi and J. Migliore, *Configurations of Linear Projective Subvarieties*, in: "Algebraic Curves and Projective Geometry, Proceedings (Trento, 1988), Lecture Notes in Mathematics, vol. 1389, Springer-Verlag (1989), 19–31.

13. [MR1049585](#) G. Bolondi and J. Migliore, *The Lazarsfeld-Rao Problem for Buchsbaum Curves*, Rend. Sem. Mat. Univ. Padova 82 (1989), 67–97.
14. [MR1036033](#) J. Migliore, *Even Liaison*, in: The Curves Seminar at Queen’s, vol. VI, Queen’s Papers in Pure and Applied Mathematics, 1989.

**1990**

15. [MR1074235](#) J. Migliore and R. Miró-Roig, *On  $k$ -Buchsbaum Curves in  $\mathbb{P}^3$* , Comm. Algebra 18 (8) (1990), 2403-2422.
16. [MR1063348](#) E. Ballico and J. Migliore, *Smooth Curves Whose Hyperplane Section is a given set of points*, Comm. in Algebra 18(9) (1990), 3015-3040.

**1991**

17. [MR1087803](#) E. Ballico, G. Bolondi, and J. Migliore, *The Lazarsfeld-Rao problem for liaison classes of two-codimensional subschemes of  $\mathbb{P}^n$* , Amer. J. of Math. 113 (1991), 117-128.

**1993**

18. [MR1208646](#) G. Bolondi and J. Migliore, *The Lazarsfeld-Rao property on an arithmetically Gorenstein variety*, Manuscripta Math. 78 (Fasc. 4) (1993), 347–368.
19. [MR1220272](#) G. Bolondi and J. Migliore, *On curves with natural cohomology and their deficiency modules*, Annales de l’Institut Fourier 43 (no. 2) (1993), 325–357.
20. [MR1241777](#) J. Migliore, *Submodules of the deficiency module*, J. London Math. Soc., 48 (no. 3) (1993), 396–414.

**1994**

21. [MR1257311](#) A.V. Geramita and J. Migliore, *A generalized liaison addition*, J. Algebra, 163 (1994), 139–164.
22. [MR1276086](#) J. Migliore. Two lectures in the Curves Seminar at Queen’s. In: The Curves Seminar Proceedings: 1992-1993, volume IX of Queen’s Papers in Pure and Applied Mathematics (1994).
23. [MR1292491](#) J. Migliore, *Hypersurface sections of curves*, in: Proceedings of the International Conference on Zero-Dimensional Schemes, Ravello 1992, De Gruyter (1994), 269–282.
24. [MR1272673](#) A. Bigatti, A.V. Geramita and J. Migliore, *Geometric consequences of extremal behavior in a theorem of Macaulay*, Trans. Amer. Math. Soc. 346 (1994), 203–235.

**1995**

25. [MR1337220](#) J. Migliore and U. Nagel, *On the Cohen-Macaulay type of the general hypersurface section of a curve*, Math. Zeit. 219 (1995), 245–273.

**1996**

26. [MR1411331](#) J. Migliore, C. Peterson and Y. Pitteloud, *Ropes in projective space*, J. Math. Kyoto Univ. 36 (1996), 251–278.

**1997**

27. [MR1403128](#) A.V. Geramita and J. Migliore, *Reduced Gorenstein Codimension Three Subschemes of Projective Space*, Proc. Amer. Math. Soc. 125 (1997), 943–950.

28. [MR1432204](#) J. Migliore and C. Peterson, *A construction of codimension three arithmetically Gorenstein subschemes of projective space*, Trans. Amer. Math. Soc. 349 (1997), 3803–3821.
29. [MR1610443](#) H. Martin and J. Migliore, *Submodules of the deficiency modules and an extension of Dubreil’s Theorem*, J. London. Math. Soc. 56 (no. 3) (1997), 463–476.

**1998**

30. [MR1612224](#) H. Martin, J. Migliore and S. Nollet, *Degrees of generators of ideals defining subschemes of projective space*, Comm. Algebra 26 (no. 4) (1998), 1209–1231.

**1999**

31. [MR1701646](#) J. Migliore, *Gorenstein liaison via divisors*, in: Proceedings of the Workshop on “Free Resolution of Defining Ideals of Projective Varieties,” held at the Research Institute for Mathematical Sciences, Kyoto University, Kyoto, July 1998, Surikaiseikikenkyusho Kokyuroku (1999).
32. [MR1707678](#) J. Migliore, U. Nagel and C. Peterson, *Buchsbaum-Rim sheaves and their Multiple Sections*, J. Algebra 219 (1999), 378–420.

**2000**

33. [MR1765869](#) M. Kreuzer, J. Migliore, U. Nagel and C. Peterson, *Determinantal Schemes and Buchsbaum-Rim Sheaves*, J. Pure Appl. Algebra 150 (2000), 155–174.
34. [MR1783999](#) J. Migliore, U. Nagel and C. Peterson, *Constructing schemes with prescribed cohomology in arbitrary codimension*, J. Pure Appl. Algebra, 152 (2000), 245–251, special issue in honor of David Buchsbaum.
35. [MR1808596](#) J. Migliore and U. Nagel, *Lifting Monomial Ideals*, Comm. Algebra 28 (2000), 5679–5701, special issue in honor of Robin Hartshorne.
36. [MR1808598](#) S. Diaz, A.V. Geramita and J. Migliore, *Resolutions of Subsets of Finite Sets of Points in Projective Space*, Comm. Algebra 28 (2000), 5715–5733, special issue in honor of Robin Hartshorne.

**2001**

37. [MR1838316](#) J. Migliore, U. Nagel and C. Peterson, *Bezout’s theorem and Cohen-Macaulay modules*, Math. Zeit. 237 (2001), 373–394.
38. [MR1848976](#) J. Kleppe, J. Migliore, R.M. Miró-Roig, U. Nagel and C. Peterson, “Gorenstein Liaison, Complete Intersection Liaison Invariants and Unobstructedness,” Memoirs of the Amer. Math. Soc. Vol. 154, 2001; 116 pp. Softcover, ISBN 0-8218-2738-3.

**2002**

39. [MR1898841](#) J. Migliore and U. Nagel, *Reduced arithmetically Gorenstein schemes with prescribed properties*, in: Queen’s Papers in Pure and Applied Mathematics, Volume 123 (2002).
40. [MR1918287](#) J. Migliore and U. Nagel, *Monomial Ideals and the Gorenstein Liaison Class of a Complete Intersection*, Compositio Math. 133 (2002), 25–36.

**2003**

41. [MR1928075](#) J. Migliore and R. Miró-Roig, *On the Minimal Free Resolution of  $n + 1$  General Forms*, Trans. Amer. Math. Soc. 355 (2003), 1–36.

42. [MR1970804](#) T. Harima, J. Migliore, U. Nagel and J. Watanabe, *The Weak and Strong Lefschetz Properties for Artinian  $K$ -Algebras*, J. Algebra 262 (2003), 99–126.
43. [MR1977095](#) J. Migliore and U. Nagel, *Liaison and Related Topics: Notes from the Torino Workshop/School*, Rendiconti del Seminario Matematico-Università e Politecnico di Torino 59 (2001, but appeared in 2003), 59–126.
44. [MR1978001](#) J. Migliore and R. Miró-Roig, *Ideals of General Forms and the Ubiquity of the Weak Lefschetz Property*, J. Pure Appl. Algebra 182 (2003), 79–107.
45. [MR2019214](#) J. Migliore and U. Nagel, *Reduced arithmetically Gorenstein schemes and Simplicial Polytopes with maximal Betti numbers*, Adv. Math 180 (2003), 1–63.

#### 2004

46. [MR2092653](#) J. Migliore and C. Peterson, *A symbolic test for  $(i, j)$ -uniformity in reduced zero-schemes*, J. Symb. Comp. 37 (2004), 403–413.

#### 2005

47. [MR2115019](#) J. Migliore, R. Miró-Roig and U. Nagel, *Minimal Resolution of Relatively Compressed Level Algebras*, J. Algebra 284 (2005), 333–370.
48. [MR2147092](#) J. Migliore and U. Nagel, *Tetrahedral Curves*, Int. Math. Res. Notices 2005, no. 15 (2005), 899–939.
49. [MR2189234](#) J. Migliore, U. Nagel and T. Roemer, *The multiplicity conjecture in low codimensions*, Math. Res. Lett. 12 (2005), 731–748.

#### 2006

50. [MR2223851](#) J. Migliore, *Families of reduced zero-dimensional schemes*, Collectanea Mathematica 57 (2006), 173–192.
51. [MR2217628](#) A.V. Geramita, J. Migliore and L. Sabourin, *The first infinitesimal neighborhood of a linear configuration of points in  $\mathbb{P}^2$* , J. Algebra 298 (2) (2006), 563–611.
52. [MR2228326](#) C. Francisco, J. Migliore and U. Nagel, *On the Componentwise Linearity and the Minimal Free Resolution of a Tetrahedral Curve*, J. Algebra 299 (2) (2006), 535–569.

#### 2007

53. [MR2293313](#) J. Ahn and J. Migliore, *Some geometric results arising from the Borel-fixed property*, J. Pure Appl. Algebra 209 (2) (2007), 337–360.
54. [MR2292384](#) A.V. Geramita, T. Harima, J. Migliore and Y. Shin, “The Hilbert function of a level algebra,” Memoirs of the Amer. Math. Soc. Vol. 186, 2007; 139 pp. Softcover, ISBN-10: 0-8218-3940-3, ISBN-13: 978-0-8218-3940-9.
55. [MR2320009](#) J. Migliore and F. Zanello, *The Hilbert functions which force the Weak Lefschetz Property*, J. Pure Appl. Algebra 210 (2) (2007), 465–471.
56. [MR2309930](#) J. Migliore, *The Geometry of Hilbert Functions*, in: “Syzygies and Hilbert functions,” Lect. Notes in Pure and Appl. Math. 254 (ed. Irena Peeva), CRC Press (2007), 179–208.
57. [MR2389239](#) C. Huneke, J. Migliore, U. Nagel and B. Ulrich, *Minimal Homogeneous Liaison and Licci Ideals*, in: “Algebra, Geometry and their Interactions,” Contemporary Math. vol. 448 (2007), 129–139.

**2008**

- 58. [MR2379783](#) J. Migliore, U. Nagel and T. Roemer, *Extensions of the Multiplicity Conjecture*, Trans. Amer. Math. Soc. 360 (6) (2008), 2965–2985.
- 59. [MR2408321](#) R. Hartshorne, J. Migliore and U. Nagel, *Liaison addition and the structure of a Gorenstein liaison class*, Journal of Algebra 319 (2008), 3324–3342.
- 60. [MR2398755](#) J. Migliore, *The geometry of the Weak Lefschetz Property and level sets of points*, Canad. J. Math. 60 (2008), 391–411.
- 61. [MR2378372](#) J. Migliore, U. Nagel and F. Zanello, *An improved Multiplicity Conjecture for codimension three Gorenstein algebras*, Comm. Algebra 36 (2008), 112–119.
- 62. [MR2385645](#) J. Migliore, U. Nagel and F. Zanello, *A characterization of Gorenstein Hilbert functions in codimension four with small initial degree*, Math. Res. Lett. 15 (2008), 331–349.
- 63. [MR2399039](#) J. Migliore, U. Nagel and F. Zanello, *On the degree 2 entry of a Gorenstein h-vector and a conjecture of Stanley*, Proc. Amer. Math. Soc. 136 (2008), 2755–2762.
- 64. [MR2595775](#) J. Migliore and F. Zanello, *The strength of the Weak Lefschetz Property*, Illinois Journal of Mathematics 52 (2008), 1417–1433.

**2009**

- 65. [MR2494405](#) J. Migliore, U. Nagel and F. Zanello, *Bounds and asymptotic minimal growth for Gorenstein Hilbert functions*, J. Algebra 321 No. 5 (2009), 1510–1521.
- 66. [MR2514843](#) A.V. Geramita, B. Harbourne and J. Migliore, *Classifying Hilbert functions of fat point subschemes in  $\mathbb{P}^2$* , Collectanea Mathematica 60 No. 2 (2009), 159–192.
- [MR2772331](#) Erratum to: *Classifying Hilbert functions of fat point subschemes in  $\mathbb{P}^2$* .
- 67. [MR2555957](#) J. Hauenstein, J. Migliore, C. Peterson and A. Sommese, *Numerical computation of the dimensions of the cohomology of twists of ideal sheaves*, in: “Interactions of Classical and Numerical Algebraic Geometry (Notre Dame 2008),” Contemporary Math. vol. 496 (2009), 235–242.

**2010**

- 68. [MR2664651](#) J. Migliore and U. Nagel, *Minimal links and a result of Gaeta*, in: “Liaison, Schottky Problem and Invariant Theory: Remembering Federico Gaeta,” Progress in Mathematics, Vol. 280 (2010), 103–132, Birkhäuser.

**2011**

- 69. [MR2719680](#) J. Migliore, R. Miró-Roig and U. Nagel, *Monomial ideals, almost complete intersections and the Weak Lefschetz Property*, Trans. Amer. Math. Soc. 363 (2011), 229–257.
- 70. [MR2771642](#) J. Migliore and M. Patnott, *Minimal Free Resolutions of General Points Lying on Cubic Surfaces in  $\mathbb{P}^3$* , J. Pure Appl. Algebra 215 (2011), 1737–1746.

**2012**

- 71. [MR2890901](#) L. Chiantini and J. Migliore, *Determinantal representation and subschemes of general plane curves*, Linear Algebra and its Applications 436 (2012), 1001–1013.
- 72. [MR2932581](#) A.V. Geramita, B. Harbourne and J. Migliore, *Hilbert functions of fat point subschemes of the plane: the two-fold way*, in: “Progress in Commutative Algebra 1: Combinatorics and Homology,” Proceedings in Mathematics, de Gruyter (2012), 55–83.

73. [MR2931681](#) M. Boij, J. Migliore, R. Miró-Roig, U. Nagel and F. Zanello, “The shape of a pure  $O$ -sequence,” *Memoirs Amer. Math. Soc.* vol. 218, No. 2024, July, 2012.
74. [MR2966707](#) J. Migliore, R. Miró-Roig and U. Nagel, *On the Weak Lefschetz property for powers of linear forms*, *Algebra and Number Theory* 6 (2012), 487–526.

### 2013

75. [MR3003727](#) A.V. Geramita, B. Harbourne and J. Migliore, *Star configurations in  $\mathbb{P}^n$* , *J. Algebra* 376 (2013), 279–299.
76. [MR3051384](#) J. Migliore, U. Nagel and F. Zanello, *Pure  $O$ -sequences: known results, applications and open problems*, in “Commutative Algebra: Expository Papers Dedicated to David Eisenbud on the Occasion of His 65th Birthday,” Springer (2013), 535–559.
77. [MR3045153](#) E. Gorla, J. Migliore, and U. Nagel, *Groebner bases via linkage*, *J. Algebra* 384 (2013), 110–134.
78. [MR3041764](#) J. Migliore and U. Nagel, *Gorenstein algebras presented by quadrics*, *Collectanea Math.* 62 (2013), 211–233.
79. [MR3114954](#) J. Migliore and U. Nagel, *Numerical Macaulification*, in: “A Celebration of Algebraic Geometry”, edited by Brendan Hassett, James Mckernan, Jason Starr and Ravi Vakil, *Clay Mathematics Proceedings* 18 (2013), 509–534.
80. [MR3109735](#) J. Migliore and U. Nagel, *Glicci ideals*, *Compositio Mathematica* 149 (2013), 1583–1591.
81. [MR3125561](#) J. Migliore, R. Miró-Roig, S. Murai, U. Nagel and J. Watanabe, *On ideals with the Rees property*, *Archiv der Mathematik (Basel)* 101 (2013), 445–454.
82. [MR3161738](#) J. Migliore and U. Nagel, *A tour of the Weak and Strong Lefschetz Properties*, *J. Comm. Algebra* 5 (3) (2013), 329–358.

### 2014

83. [MR3166064](#) M. Boij, J. Migliore, R. Miró-Roig, U. Nagel and F. Zanello, *On the Weak Lefschetz Property for artinian Gorenstein algebras of codimension three*, *J. Algebra* 403 (2014), 48–68.

### 2015

84. [MR3327541](#) L. Chiantini and J. Migliore, *Almost maximal growth of the Hilbert function*, *J. Algebra* 431 (2015), 38–77.

### 2016

85. [MR3482438](#) D. Cook II, J. Migliore, U. Nagel and F. Zanello, *An algebraic approach to finite projective planes*, *J. Alg. Comb.* 43 (2016), 495–519.

### 2017

86. [MR3565355](#) J. Migliore and F. Zanello, *Stanley’s nonunimodal Gorenstein  $h$ -vector is optimal*, *Proc. Amer. Math. Soc.* 145 (2017), 1–9.
87. [MR3683102](#) A.V. Geramita, B. Harbourne, J. Migliore and U. Nagel, *Matroid configurations and symbolic powers of their ideals*, *Trans. Amer. Math. Soc.* 369 (2017), 7049–7066.

## 2018

88. [MR3694461](#) J. Ahn, J. Migliore and Y-S Shin, *Green's theorem and Gorenstein sequences*, J. Pure Applied Algebra 222 (2018), 387–413.
89. [MR3731687](#) J. Migliore and R.M. Miró-Roig, *On the strong Lefschetz problem for uniform powers of general linear forms in  $k[x, y, z]$* , Proc. Amer. Math.Soc. 146 (2018), 507–523.
90. [MR3799191](#) J. Migliore and F. Zanello, *Unimodal Gorenstein  $h$ -vectors without the Stanley-Iarrobino property*, Comm. in Algebra 46 (2018), 2054–2062.
91. [MR3787345](#) G. Favacchio, E. Guardo and J. Migliore, *On the arithmetically Cohen-Macaulay property for sets of points in multiprojective spaces*, Proc. Amer. Math. Soc. 146 (2018), 2811–2825.
92. [MR3789915](#) M. Boij, J. Migliore, R.M. Miró-Roig and U. Nagel, *The non-Lefschetz locus*, J. Algebra 505 (2018), 288–320.
93. [MR3867298](#) D. Cook II, B. Harbourne, J. Migliore and U. Nagel, *Line arrangements and configurations of points with an unexpected geometric property*, Compositio Mathematica 154 (2018), no. 10, 2150–2194.

## 2019

94. [MR3906513](#) M. Boij, J. Migliore, R.M. Miró-Roig and U. Nagel, *The minimal resolution conjecture on a general quartic surface in  $\mathbb{P}^3$* , J. Pure Appl. Algebra **223**, no. 4 (2019), 1456–1471.
95. [MR3933911](#) G. Favacchio and J. Migliore, *Multiprojective spaces and the arithmetically Cohen-Macaulay property*, Math. Proc. Camb. Phil. Soc. **166** (2019), 583–597.
96. [MR3933952](#) M. Catalisano, A.V. Geramita, A. Gimigliano, B. Harbourne, J. Migliore, U. Nagel and Y.S. Shin, *Secant Varieties of the Varieties of Reducible Hypersurfaces in  $\mathbb{P}^n$* , J. Algebra **528** (2019), 381–438.

## 2020

97. [MR4087572](#) J. Migliore, U. Nagel and H. Schenck, *The weak Lefschetz property for quotients by quadratic monomials*, Math. Scand. **126** (2020), 41–60.
98. [MR4142065](#) S. Cooper, G. Fatabbi, E. Guardo, A. Lorenzini, J. Migliore, U. Nagel, A. Seceleanu, J. Szpond and A. Van Tuyl, *Symbolic powers of codimension two Cohen-Macaulay ideals*, Comm. Algebra **48** (2020), 4663–4680.

## 2021

99. [MR4213049](#), [arxiv:1904.03251](#) B. Harbourne, J. Migliore and H. Tutaj-Gasińska, *New constructions of unexpected hypersurfaces in  $\mathbb{P}^n$* , Revista Matemática Complutense **34** (2021), 1–18.
100. [MR4223027](#), [arxiv:1904.02047](#) L. Chiantini and J. Migliore, *Sets of points which project to complete intersections, and unexpected cones*, Trans. Amer. Math. Soc. **374** (2021), 2581–2607.
101. [MR4232684](#), [arXiv:2009.03246](#) G. Favacchio and J. Migliore, *The ACM property for unions of lines in  $\mathbb{P}^1 \times \mathbb{P}^2$* , J. Pure Applied Algebra **225** (2021), no. 11, 106739.
102. [MR4278701](#), [arxiv:1805.10626](#) B. Harbourne, J. Migliore, U. Nagel and Z. Teitler, *Unexpected hypersurfaces and where to find them*, Michigan Math. J. **70** (2021), 301–339.
103. [MR4281771](#), [arxiv:2001.10366](#) G. Favacchio, E. Guardo, B. Harbourne and J. Migliore, *Expecting the unexpected: quantifying the persistence of unexpected hypersurfaces*, Advances in Math. **388** (2021), 107857.

104. [MR4366828](#), [arxiv:1703.07456](#) J. Migliore and U. Nagel, *The Lefschetz question for ideals generated by powers of linear forms in few variables*, accepted for publication in *J. Commutative Algebra*.

#### 2022

105. [MR4366013](#) [arxiv:1908.03939](#) J. Migliore, U. Nagel and H. Schenck, *Schemes supported on the singular locus of a hyperplane arrangement in  $\mathbb{P}^n$* , *Int. Math. Res. Not.* **2022** (2022), 140–170.
106. [MR4384566](#), [arxiv:2009.13002](#) M. Boij, J. Migliore, R.M. Miró-Roig and U. Nagel, *Waring and cactus ranks and Strong Lefschetz Property for annihilators of symmetric forms*, *Algebra & Number Theory* **16**, no. 1 (2022), 155–178.
107. J. Migliore and U. Nagel, *Applications of liaison*, [MR4394420](#) in: *Commutative Algebra – Expository Papers Dedicated to David Eisenbud on the Occasion of his 75th Birthday* (Irena Peeva editor), Springer ISBN 978-3-030-89693-5 (2022).

#### 2023

108. [MR4642415](#), [arxiv:2212.09890](#) M. Boij, J. Migliore, R. Miró-Roig and U. Nagel, *On the Weak Lefschetz Property for height four equigenerated complete intersections*, *Trans. Amer. Math. Soc. Ser. B* (2023), 1254–1286.

#### Accepted for publication

109. B. Harbourne, J. Migliore and U. Nagel, *Unexpected hypersurfaces and their consequences: A Survey*, [arxiv:2303.13317](#) To appear in: *Lefschetz Properties: Current and New Directions*, proceedings of the conference “The Strong and Weak Lefschetz Properties, Cortona 2022.”
110. L. Chiantini, L. Farnik, G. Favacchio, B. Harbourne, J. Migliore, T. Szemberg and J. Szpond, *On the classification of certain geproci sets*, [arxiv:2303.16263](#) To appear in: *Lefschetz Properties: Current and New Directions*, proceedings of the conference “The Strong and Weak Lefschetz Properties, Cortona 2022.”

#### Preprints submitted for publication

109. L. Chiantini, L. Farnik, G. Favacchio, B. Harbourne, J. Migliore, T. Szemberg and J. Szpond, *Configurations of points in projective space and their projections*, [arxiv:2209.04820](#)
110. L. Chiantini, L. Farnik, G. Favacchio, B. Harbourne, J. Migliore, T. Szemberg and J. Szpond, *Geproci sets and the combinatorics of skew lines*, [arxiv:2308.00761](#)
111. L. Chiantini, P. De Poi, L. Farnik, G. Favacchio, B. Harbourne, G. Ilardi, J. Migliore, T. Szemberg and J. Szpond, *Geproci sets on skew lines in  $\mathbb{P}^3$  with two transversals*, [arxiv:2312.04644](#)
112. J. Migliore and U. Nagel, *Jacobian schemes arising from hypersurface arrangements in  $\mathbb{P}^n$* , [arxiv:2312.01192](#)
113. F. Favacchio and J. Migliore, *On the Weak Lefschetz Property for certain ideals generated by powers of linear forms*, [arxiv:2406.09571](#)