

BOOKS AND
MONOGRAPHS

1. M. Boij, J. Migliore, R. Mirò-Roig, U. Nagel, and F. Zanello: “On the shape of a pure O -sequence,” *Mem. Amer. Math. Soc.* **218** (2012), no. 1024, vii + 78 pp.. ISBN-10: 0-8218-6910-8; ISBN-13: 978-0-8218-6910-9

PUBLICATIONS IN
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1. F. Zanello: *I numeri di Fermat*, *Periodico di Matematiche*, VII, **5** (1998), no. 2-3, 63–68¹
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5. F. Zanello: *Extending the idea of compressed algebra to arbitrary socle-vectors, II: cases of non-existence*, *J. Algebra* **275** (2004), no. 2, 730–748
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¹Written as a senior high school student.

25. F. Zanello: *The KOH terms and classes of unimodal N -modular diagrams*, J. Combin. Theory Ser. A **118** (2011), no. 8, 2498–2510
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47. J.A. Sellers and F. Zanello: *On the parity of the number of partitions with odd multiplicities*, Int. J. Number Theory **17** (2021), no. 7, 1717–1728
48. W.J. Keith and F. Zanello: *Parity of the coefficients of certain eta-quotients*, J. Number Theory **235** (2022), 275–304

INVITED BOOK
CHAPTERS

1. J. Migliore, U. Nagel, and F. Zanello: *Pure O -sequences: known results, applications*

²Colin Sandon’s MIT senior research project, part I.

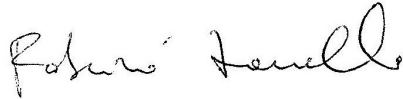
³Colin Sandon’s MIT senior research project, part II.

⁴Since October 2016, according to [MathSciNet](#), I am Richard Stanley’s coauthor with the single highest number of joint papers.

and open problems, in: “Commutative Algebra. Expository Papers Dedicated to David Eisenbud on the Occasion of His 65th Birthday” (I. Peeva, Ed.), Springer New York-Heidelberg-Dordrecht-London, 715 pp. (2013)

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March 5, 2022