

## Corrado Zanella - Publications

1. C. Zanella: On complete 12-arcs in projective planes of order 12. *Ann. Discr. Math.* 37 (1988), 485–492.
2. C. Zanella: Proprietà geometriche delle basi della matroide associata a un piano proiettivo di ordine pari. *Rend. Mat. Appl.* (7) 7 (1987), 83–95.
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4. C. Zanella: Topological affine spaces. *J. Geom.* 35 (1989), 193–198.
5. C. Zanella: Spazi di Grassmann affini topologici. *Rend. Mat. Appl.* (7) 8 (1988), 315–328.
6. C. Zanella: On topological projective spaces and their Grassmannians. *Abh. Math. Sem. Univ. Hamburg* 59 (1989), 125–142.
7. C. Zanella: A characterization of the Grassmann space representing the h-flats in a topological projective space. *Boll. Un. Mat. Ital. B* (7) 4 (1990), 697–709.
8. C. Zanella: Incidence manifolds. *J. Geom.* 37 (1990), 191–204.
9. A. Beutelspacher - G. Tallini - C. Zanella: Examples of essentially s-fold secure geometric authentication systems with large s. *Rend. Mat. Appl.* (7) 10 (1990), 321–326.
10. C. Zanella: Defining topological projective spaces and topological Grassmann spaces. *Abh. Math. Sem. Univ. Hamburg* 60 (1990), 87–94.
11. A. Bichara - J. Misfeld - G. Tallini - C. Zanella: On the order structure in the line geometry of a projective space. *J. Geom.* 41 (1991), 16–32.
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16. C. Zanella: Linear sections of the finite Veronese varieties and authentication systems defined using geometry. *Des. Codes Cryptogr.* 13 (1998), 199–212.
17. A. Bichara - J. Misfeld - C. Zanella: Primes and order structure in the product spaces. *J. Geom.* 58 (1997), 53–60.
18. J. Misfeld - C. Zanella: The line geometry of a class of linear spaces. *Discrete Math.* 174 (1997), 261–269.
19. C. Zanella: Universal properties of the Corrado Segre embedding. *Bull. Belg. Math. Soc. Simon Stevin* 3 (1996), 65–79.
20. A. Bichara - C. Zanella: Characterization of embedded special manifolds. *Discrete Math.* 208-209 (1999), 77–83.
21. H. Havlicek - C. Zanella: Quadratic embeddings. *Beiträge Algebra Geom.* 38 (1997), 289–298.
22. C. Zanella: On topological Grassmann spaces. *The Second International Workshop on Differential Geometry and its Applications (Constanta, 1995)*, An. Stiint. Univ. Ovidius Constanta Ser. Mat. 3 (2) (1995), 175–179.
23. C. Zanella: Intersection sets in  $AG(n, q)$  and a characterization of the hyperbolic quadric in  $PG(3, q)$ . *Discrete Math.* 255 (2002), 381–386.
24. A. Bichara - H. Havlicek - C. Zanella: On linear morphisms of product spaces. *Discrete Math.* 267 (2003), 35–43.
25. H. Havlicek - C. Zanella: On embedded products of Grassmannians. *Discrete Math.* 267 (2003), 153–158.
26. H. Havlicek - K. List - C. Zanella: On automorphisms of flag spaces. *Linear Multilinear Algebra* 50 (2002), 241–251.

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- 28.C. Zanella: Blocking sets in line Grassmannians. *Discrete Math.* 306 (2006), 1805–1811.
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- 33.H. Havlicek - C. Zanella: Incidence and combinatorial properties of linear complexes. *Results Math.* 51 (2008), 261–274.
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- 36.C. Zanella: On finite Steiner surfaces. *Discrete Math.* 312 (2012), 652–656.
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- 41.M. Lavrauw - C. Zanella: Subgeometries and linear sets on a projective line. *Finite Fields Appl.* 34 (2015), 95–106.
- 42.M. Lavrauw - C. Zanella: Subspaces intersecting each element of a regulus in one point, André-Bruck-Bose representation and clubs. *Electron. J. Combin.* 23 (2016), Paper 1.37, 11 pp. [arXiv:1409.1081v1](https://arxiv.org/abs/1409.1081v1)
- 43.B. Csajbók - C. Zanella: On the equivalence of linear sets. *Des. Codes Cryptogr.* 81 (2016), 269–281. DOI:[10.1007/s10623-015-0141-z](https://doi.org/10.1007/s10623-015-0141-z)
- 44.B. Csajbók - C. Zanella: On scattered linear sets of pseudoregulus type in  $PG(1, qt)$ . *Finite Fields Appl.* 41 (2016), 34–54. [arXiv:1506.08875v1](https://arxiv.org/abs/1506.08875v1)
- 45.H. Havlicek - C. Zanella: Linear sets in the projective line over the endomorphism ring of a finite field. *J. Algebraic Combin.* 46 (2017), 297–312. [arXiv:1603.02232](https://arxiv.org/abs/1603.02232)
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