

Wahl, Nathalie

Antimatroids of finite character. (English) [Zbl 0990.52001](#)
J. Geom. 70, No. 1-2, 168-175 (2001).

This paper provides an axiomatization of antimatroids (“convex geometries”; see *P. H. Edelman* and *R. E. Jamison*, [Geom. Dedicata 19, 247-270 (1985; [Zbl 0577.52001](#))]) that also works for the moderately infinite case of “finite character”, where any union of a chain of closed sets is again closed.

Reviewer: [Günter M. Ziegler \(Berlin\)](#)

MSC:

[52A01](#) Axiomatic and generalized convexity
[05B35](#) Combinatorial aspects of matroids and geometric lattices
[06A15](#) Galois correspondences, closure operators (in relation to ordered sets)

Cited in **3** Documents

Keywords:

[antimatroid](#); [infinite rank](#); [abstract convex geometries](#); [anti-exchange closures](#)

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