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A σ -linked Boolean algebra without positive measure. (English) [Zbl 0688.06010](#)
Topology Appl. 34, No. 1, 47-51 (1990).

An example is given of a Boolean algebra which has no positive measure but which is σ -linked.

Reviewer: [R.Potocký](#)

MSC:

[06E10](#) Chain conditions, complete algebras
[60A10](#) Probabilistic measure theory

Cited in 1 Document

Keywords:

σ -centered; Boolean algebra; σ -linked

Full Text: [DOI](#)

References:

- [1] Bell, M.G., Two Boolean algebras with extreme cellular and compactness properties, *Canad. J. math.*, 35, 824-838, (1983) · [Zbl 0519.06012](#)
- [2] van Douwen, E.K., Nonsupercompactness and the reduced measure algebra, *Comment. math. univ. carolin.*, 21, 507-512, (1980) · [Zbl 0437.54014](#)
- [3] Gaifman, H., Concerning measures on Boolean algebras, *Pacific J. math.*, 14, 61-73, (1963) · [Zbl 0127.02306](#)
- [4] Hodges, J.L.; Horn, A., On Maharam's conditions for a measure, *Trans. amer. math. soc.*, 64, 594-595, (1948) · [Zbl 0032.14901](#)
- [5] Horn, A.; Tarski, A., Measures in Boolean algebras, *Trans. amer. math. soc.*, 64, 467-497, (1948) · [Zbl 0035.03001](#)
- [6] Kelley, J.L., Measures in Boolean algebras, *Pacific J. math.*, 9, 1165-1177, (1959) · [Zbl 0087.04801](#)
- [7] Maharam, D., An algebraic characterization of measure algebras, *Ann. of math.*, 48, 154-167, (1947) · [Zbl 0029.20401](#)

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