

Blute, R. F.; Cockett, J. R. B.; Seely, R. A. G.
! and ? – Storage as tensorial strength. (English) Zbl 0860.18004
Math. Struct. Comput. Sci. 6, No. 4, 313-351 (1996).

It is well known that the weakly distributive categories of the second author [*Math. Struct. Comput. Sci.* 3, No. 3, 277-307 (1993; [Zbl 0793.18006](#))] correspond to the negation-free fragment of multiplicative linear logic. This paper studies weakly distributive categories with storage, which correspond to the exponential fragment of linear logic. The authors show that most of their earlier ideas [cf. the authors and *T. H. Trimble*, *J. Pure Appl. Algebra* 113, No. 3, 229-296 (1996; [Zbl 0858.03064](#))] carry over to the present context.

Reviewer: Hirokazu Nishimura (Tsukuba)

MSC:

18D99 Categories with structure
03G30 Categorical logic, topoi
03B20 Subsystems of classical logic

Cited in 3 Documents

Keywords:

coherence; weakly distributive categories; linear logic

Full Text: [DOI](#)

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