

**MR3606497** 18B25 03G10 18C10 19D55 51A99

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**Cyclic theories.** (English summary)

*Appl. Categ. Structures* **25** (2017), no. 1, 105–126.

The main result of this paper is a characterization of the points of the epicyclic topos in terms of projective geometry over a semi-field of characteristic 1. This enables the authors to describe the objects of the cyclic category as well as the epicyclic one. To this goal, the authors take an approach of a genuinely logical nature which directly leads to explicit characterization of the points of the toposes in question. Instead of exploiting the relationship between the epicyclic topos and the topos  $[\mathbb{N}^*, \mathbf{Set}]$ , the authors achieve their aim by identifying geometric theories which are classified by these toposes and relying on the general framework of theories of presheaf type investigated in [O. Caramello, “Extensions of flat functors and theories of presheaf type”, preprint, [arXiv:1404.4610](https://arxiv.org/abs/1404.4610)].

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*Note: This list reflects references listed in the original paper as accurately as possible with no attempt to correct errors.*

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