

V. Koubek, J. Sichler

Finitely generated almost universal varieties of 0-lattices

Comment.Math.Univ.Carolinae 46,2 (2005) 301-325.

Abstract: A concrete category \mathbb{K} is (algebraically) universal if any category of algebras has a full embedding into \mathbb{K} , and \mathbb{K} is almost universal if there is a class \mathcal{C} of \mathbb{K} -objects such that all non-constant homomorphisms between them form a universal category. The main result of this paper fully characterizes the finitely generated varieties of 0-lattices which are almost universal.

Keywords: (algebraically) universal category, finite-to-finite universal category, almost universal category, 0-lattice, variety of 0-lattices

AMS Subject Classification: Primary 18B15, 06B20; Secondary 08A35