

Clones of Mal'tsev Algebras

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Are there only countably many Mal'tsev clones on a finite set? At present, the compatible relations of Mal'tsev algebras are not understood well enough to answer this question. In the talk I will discuss which compatible relations of a finite Mal'tsev algebra are essential for understanding its clone. I will overview some known results from this point of view, and present new applications.