

Jónsson–Tarski toposes

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In 1961, Jónsson and Tarski defined a certain algebraic theory with the unusual feature that its category of algebras is a topos. This is the classical Jónsson–Tarski topos. In fact, it is just one member of a whole family of ‘Jónsson–Tarski toposes’; there is one such topos for each small category \mathbf{A} and two-sided \mathbf{A} -module M . I will introduce this family and place it in a wider context. I will also state some open questions.