

**GENERALIZED JÓNSSON CONDITIONS AND
A DESCRIPTION OF GENERALIZED JÓNSSON
THEORIES OF BOOLEAN ALGEBRAS***T. G. Mustafin*

The article consists of two parts. The first is devoted to a generalization of the Jónsson conditions, which connect two directions in model theory, the so-called “eastern” and “western” model theories. The second part is an application of the notions and methods developed in the first part to elementary theories of Boolean algebras.

Key words and phrases: theories of Boolean algebras, Jónsson conditions, forcing, Ehrenfeucht–Fraïssé–Taïmanov method, generalized Jónsson theories.

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