

## HORIZONTAL SUMS OF BASIC ALGEBRAS<sup>1</sup>

IVAN CHAJDA

Department of Algebra and Geometry  
Palacký University Olomouc  
Tomkova 40, 779 00 Olomouc, Czech Republic  
e-mail: chajda@inf.upol.cz

### Abstract

The variety of basic algebras is closed under formation of horizontal sums. We characterize when a given basic algebra is a horizontal sum of chains, MV-algebras or Boolean algebras.

**Keywords:** Basic algebra, horizontal sum, chain basic algebra, MV-algebra, Boolean algebra.

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