

BL-Codes

Hashem Bordbar¹

¹University of Nova Gorica

July 5, 2020

Abstract

In this article, the notion of BL-function on a nonempty set P will be studied and for an arbitrary BL-algebra L and the element l $[?] L$, the notions of l -functions and l -subsets will be introduced. Moreover, using these notations, the BL-code CL introduce and some related properties and examples will be provided. Finally, I show that the structure of a BL-algebra and the correspondence BL-code are the same.

Hosted file

120620 - BL Codes.pdf available at <https://authorea.com/users/339910/articles/467032-bl-codes>