## SOME KINDS OF TOPOLOGICAL HYPER K-ALGEBRAS

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## Abstract

In this paper we introduce and characterise the concepts of pseudo topological hyper K-algebras, strong pseudo topological hyper K-algebras and topological hyper K-algebras. Then we find some properties of this structures. Also we define a topology on a hyper K-algebra, which makes a pseudo topological hyper K-algebra.

Key words and phrases: hyper K-algebra, Topological hyper K-algebra, Pseudo topological hyper K-algebra, Strong pseudo topological hyper K-algebra.