

Ting Su (Hamburg)

Classification of Stringent Hypergroups and Doubly Distributive Skew Hyperfields

Abstract for the Combinatorics Seminar 2019 September 24

A hypergroup is stringent if $a \boxplus b$ is a singleton whenever $a \neq b$. A hyperfield is stringent if the underlying additive hypergroup is. Every doubly distributive skew hyperfield is stringent, but not vice versa. I present a classification of stringent hypergroups, from which a classification of doubly distributive skew hyperfields follows.

From:

<https://www2.math.binghamton.edu/> - **Binghamton University Department of Mathematics and Statistics**

Permanent link:

<https://www2.math.binghamton.edu/p/seminars/comb/abstract.201909su>

Last update: **2020/01/29 19:03**

