

On the hulls of linear codes

Stefka Bouyuklieva*

St. Cyril and St. Methodius University of Veliko Tarnovo, Bulgaria

30th Applications of Computer Algebra - ACA 2025

Some important properties of the hulls of linear codes over different finite fields will be presented. The numbers of codes of a given length and dimension but different hull dimensions will be compared. The idea of relative hulls will be discussed.

*This research is supported by Bulgarian Science Fund under Contract KP-06-H62/2/13.12.2022