
JINGZHOU NA, Simon Fraser University
Perfect Sequence Covering Arrays

What is a cost-efficient way to design balanced sequential testing? This minisymposium will introduce you to a combinatorial design object as a potential answer, which has a subtly balanced containment property that can be preserved by group actions. The first “special” example published by Raphael Yuster in 2019 and an efficient algorithm to search for the object introduced by Rudolf Mathon and Tran van Trung will be presented. You are invited to complete this minisymposium by playing examples together. This is joint work with Jonathan Jedwab and Shuxing Li.