

Optimal circular neighbor designs under mixed interference models

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Abstract

The concept of neighbor designs was introduced and defined in [1] where some methods of their construction were also given. Henceforth many methods of construction of neighbor designs as well as of their generalizations are available in the literature. Recently, some results on optimality of specified neighbor designs under various linear models were obtained; cf. [2], [3]. The aim of the talk is to study the problem of optimality of circular neighbor designs under mixed model. It will include some recent result published in [4] as well as some new results. The study of optimality of designs under mixed model is based on the method presented in [5].

Keywords

Neighbor designs, Circular balanced design, Universal optimality, Mixed model.

References

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