

Optimality of neighbor designs

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Abstract

The concept of neighbor designs was introduced and defined in [5] along with some methods of their construction. Henceforth many methods of construction of neighbor designs as well as of their generalizations are available in the literature; cf. [3] and [4]. However there are only few results on their statistical properties. Therefore the aim of the talk is to give an overview of study on their optimality. It will include recent results on optimality of some neighbor designs under various linear models; cf. [1] and [2].

Keywords

Neighbor design, Circular block design, Universal optimality, Interference model.

References

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