

## SPATIAL CORRELATION OF FUNCTIONS DEFINED ON DISCS

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- *ABSTRACT: This article is a generalization of the concepts of spatial correlation, brought to a purely mathematical approach from the scope of Geostatistics, in the case in which we have two real-valued continuous functions defined on a topological closed disc with boundary locally flat of a Euclidean space.*
- *KEYWORDS: Closed disc with boundary locally flat; real-function defined on a disc; spatial dependence; spatial correlation; cross semivariogram..*

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