Workshop dedicated to the memory of Professor Gabriela Kohr
(3rd edition)
Geometric Function Theory in Several Complex Variables and Complex Banach Spaces

Cluj-Napoca, Romania   1 – 3 December 2023

On some Subclasses of Biholomorphic Mappings

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Abstract

We study growth, distortion and inclusion properties for some subclasses of biholomorphic mappings in several complex variables (i.e. strongly starlike, strongly quasiconvex of type B and Janowski-type mappings defined with complex parameters). We derive the Fekete-Szegö inequality for various Janowski-type classes of mappings in several complex variables.