

STRONGLY STARLIKE MAPPINGS OF ORDER α
IN SEVERAL COMPLEX VARIABLES

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Abstract. In this paper we define the notion of a strongly starlike mapping of order α ($0 < \alpha \leq 1$) from B^n into \mathbf{C}^n . The definition is a generalization of D.A. Brannan's [2] notion of one dimensional strongly starlike functions. We show that strongly starlike mappings of order α from B^n into \mathbf{C}^n are biholomorphic and we obtain a growth theorem for this new class of mappings.

Key words. Holomorphic maps, strongly starlike maps.

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