

GENERALIZED ALMOST STARLIKENESS ASSOCIATED WITH  
EXTENSION OPERATORS FOR BIHOLOMORPHIC MAPPINGS

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**Abstract.** In this paper we consider an operator introduced by Pfaltzgraff and Suffridge which provides a way of extending a locally biholomorphic mapping  $f \in H(B^n)$  to a locally biholomorphic mapping  $F \in H(B^{n+1})$ . Using the Loewner chains we prove that if  $f$  is an generalized almost starlike mapping on  $B^n$  then  $F$  is also generalized almost starlike mapping on  $B^{n+1}$ .

**MSC 2010.** 34C45,32H02.

**Key words.** Loewner chain, Roper-Suffridge extension operator, starlikeness, generalized almost starlikeness.

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