

journal of inequalities in pure and applied mathematics



Home Editors Submissions Reviews Volumes RGMIA About Us

Volume 10, Issue 2, Article 36

Some Subordination Criteria Concerning the Salagean Operator

Authors: Kazuo Kuroki, Shigeyoshi Owa,

Keywords: Janowski function, Starlike, Convex, Univalent,

Subordination.

Date Received: 14/09/08

Date Accepted: 11/01/09

Subject Codes: 26D15.

Editors: Hari M. Srivastava,

Abstract: Applying Salagean operator, for the class $\mathcal A$ of analytic functions f(z) in

the open unit disk $\, \mathbb{U} \,$ which are normalized by $\, f(\mathbb{0}) = f'(\mathbb{0}) - \mathbb{1} = \mathbb{0},$ the

generalization of an analytic function to discuss the starlikeness is considered. Furthermore, from the subordination criteria for Janowski functions generalized by some complex parameters, some interesting subordination criteria for $f(z) \in \mathcal{A}$ are given.

À

Download Screen PDF

Å

Download Print PDF



Send this article to a friend



Print this page

search [advanced search] copyright 2003 terms and conditions login