
Study Analytic Univalent Functions Deborah Olufunmilayo

univalent functions of one and several complex variables - univalent functions of one and several complex variables ph.d. thesis summary ... ory of univalent functions of one complex variable. are treated some classes of univalent ... 1.1 elementary results in the theory of univalent functions 1.2 analytic functions with positive real part **new subclasses of analytic and univalent functions ...** - new subclasses of analytic and univalent functions involving certain convolution operators k. o. babalola ... $f(z) = z + a_2 z^2 + \dots$ we define operators $\sigma_n: a \rightarrow a$ using the convolution $*$. using these operators, we define and study new classes of functions in the unit disk. moreover, we obtain some basic properties of the new classes, namely ... **study on subclasses of analytic functions** - study on subclasses of analytic functions imran faisal department of mathematics, university of education, pakistan ... we introduce and study certain subclasses of analytic functions associ- ... if the function g is univalent in u , then we have the following equivalence: $f(z) \circ g(z) z^2 u, f(0) = g(0)$ and $f(u) \hat{=} g(u)$: **partial sums of certain analytic and univalent** - partial sums of certain analytic and univalent functions 137 in the present paper and by following the earlier works by silverman [3] on partial sums of analytic functions, we study the ratio of a function of the form (1.1) to its sequence of partial sums of the form (1.10) $f_n(z) = z + \sum_{k=2}^n a_k z^k$. when the coefficients of $f(z)$ are satisfy the ... **a study on univalent functions and their geometrical ...** - a study on univalent functions and their geometrical properties wei dik kai a study of univalent functions was carried out in this dissertation. an introduction and some known results on univalent functions were given in the first two chapters. in chapter 3 of this dissertation, the mapping rf from unit disk d to disk of specified radius $e r$ **convolution, coefficient and radius problems of certain ...** - problems of certain univalent functions maisarah bt. haji mohd ... convolution, coefficient and radius problems of ... several special subclasses of analytic univalent functions play prominent role in the study of this area. notable among them are the classes of starlike and convex **classes of analytic functions related to blaschke products** - classes of analytic functions related to blaschke products ... particularly subclasses of univalent functions are the basic subject to study in the geometric function theory. ... for some $p \geq 2$ (see e.g., [3, p. 41]). the class S contains all univalent functions in awchich map a disk d onto starlike domains with respect to the origin. **coefficient estimates for a certain general subclass of ...** - analytic functions, univalent functions, bi-univalent functions, bi-starlike functions 1. introduction let denote the class of functions of the form $f(z) = z + \sum_{n=2}^{\infty} a_n z^n$ (1.1) which are analytic in the open unit disc $U = \{z \in \mathbb{C} : |z| < 1\}$