



The first part of the paper is devoted to a study of the
 properties of the function  $f(x)$  defined by the
 equation  $f(x) = \sum_{n=0}^{\infty} a_n x^n$ . It is shown that
 this function is analytic in the region  $|x| < 1$  and
 that it satisfies the functional equation  $f(x) = x f(x^2) + 1$ .
 The second part of the paper is devoted to a study of the
 properties of the function  $g(x)$  defined by the
 equation  $g(x) = \sum_{n=0}^{\infty} b_n x^n$ . It is shown that
 this function is analytic in the region  $|x| < 1$  and
 that it satisfies the functional equation  $g(x) = x g(x^2) + x$ .



*[The page contains extremely faint, illegible handwriting, likely bleed-through from the reverse side of the paper. The text is mirrored and difficult to decipher.]*