

Turkish Journal of Mathematics

Turkish Journal



of

Mathematics

SOME APPLICATIONS OF FRACTIONAL CALCULUS OPERATORS TO A CERTAIN SUBCLASS OF ANALYTIC FUNCTIONS WITH NEGATIVE COEFFICIENTS

Nak Eun CHO, M. K. AOUF

Abstract: The object of the present paper is to prove various distortion theorems for the fractional calculus of functions in the class $T_n(\bullet, \alpha)$ consisting of analytic and univalent functions with negative coefficients. Furthermore, a distortion theorem for a fractional integral operator of functions in the class $T_n(\bullet, \alpha)$ is shown.

 [Keywords](#)
 [Authors](#)

Full text: [pdf](#)

Other articles published in the same issue: [Turk. J. Math., vol.20,iss.4.](#)



math@tubitak.gov.tr

[Scientific Journals Home](#)
[Page](#)