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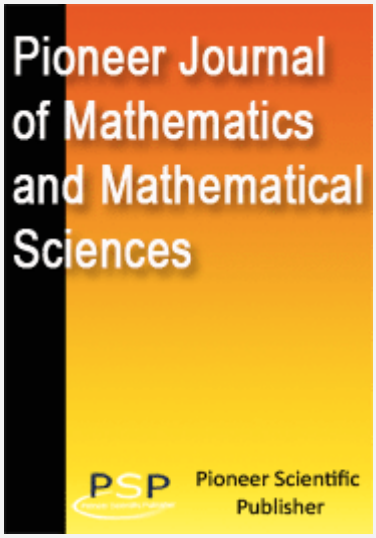

ON A SUBCLASS OF UNIVALENT FUNCTIONS DEFINED BY SALAGEAN DERIVATIVE OPERATOR

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Abstract

For functions $f(z)$ belonging to $T_n^{\alpha}(\gamma, \beta)$ and $T_n^{\alpha}(\theta, \gamma, \beta)$ in the open unit disk E, some interesting sufficient conditions involving coefficient inequalities for $f(z)$ in these classes are discussed. Several connections to some known classes, and new results with various choices of parametric n, α, γ, β, θ are also discussed.

Keywords and phrases: analytic functions, univalent functions, starlike, convex, close-to-convex, Bazilevic and Salagean, coefficient inequalities.