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Certain Meromorphically Starlike Functions With Positive and Fixed Second Coefficients

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Abstract: In this paper we consider the class $\Sigma S^*\{_o,c\}\,(\alpha)$ consisting of meromorphically starlike univalent functions with positive coefficients and fixed second coefficients. The object of the present paper is to show coefficient estimates and closure theorems for this class. Also, we obtain the radius of convexity for functions belonging to the class $\Sigma S^*\{_o,c\}\,(\alpha)$.

Key words: Meromorphic, univalent, starlike.

Keywords
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