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Convolution Conditions for Spirallikeness and Convex Spirallikeness of Certain Meromorphic p -valent Functions

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Abstract: In the present investigation, the authors derive necessary and sufficient conditions for spirallikeness and convex spirallikeness of a suitably normalized meromorphic p -valent function in the punctured unit disk, using convolution. Also we give an application of our result to obtain a convolution condition for a class of meromorphic functions defined by a linear operator.



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