

Some results of the residual Julia sets for transcendental meromorphic functions

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The residual Julia set of a rational function, denoted by $J_r(f)$, is defined to be the set of points and components of the Julia set which do not belong to the boundary of any component of the Fatou set. The points of $J_r(f)$ are called buried points and the components of $J_r(f)$ are called buried components. The talk treats about some results related to the residual Julia set for transcendental meromorphic functions, where the definition of the residual Julia set of a transcendental meromorphic functions is similar to that of rational functions.