

HAUSDORFF MEASURE OF ESCAPING SETS ON CERTAIN MEROMORPHIC FUNCTIONS

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We consider transcendental meromorphic function for which the set of finite singularities of its inverse is bounded. It is shown by Bergweiler and Kotus the dynamics is different when having no logarithmic singularities over infinity and with bounded multiplicities of poles. We study the case of infinite order and find gauge functions with which the Hausdorff measure of escaping sets is zero or infinity.