

INNER FUNCTIONS AND ACCESSES TO INFINITY FROM FATOU COMPONENTS

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Let f be a transcendental entire function of finite order and U an unbounded, invariant Fatou component of f . When considering the restriction of f to U we can associate to it an inner function g . We will show that if the set of singular values of f is contained in a disc whose closure belongs to the Fatou set of f , then the number of singularities of g on the unit circle is at most two times the order of f .