Boundary behavior of the power series of the enlarged Bloch class

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Abstract

We construct the classes of functions analytic in the unit disk, other than lacunary, and possessing the following property: If a function belongs to one of these classes and the sum of the squares of its coefficients is unbounded then there exists a set of positive measure on the circle where the function has no radial limits. © 2009 Pleiades Publishing, Ltd.

Keywords

Analytic function, Bloch class, Radial limit, Stolz angle