

Abstract

APPROXIMATION ON REAL-ANALYTIC SETS

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In this lecture I shall begin by recalling some recent results concerning polynomial approximation on smooth subsets of C^N and then will give a new result about approximation on compact real-analytic subsets in C^N : *If such a set is holomorphically convex, then each continuous function on it can be approximated uniformly by functions holomorphic on a neighborhood of it.*