RECENT EXTENSIONS OF HARDY SPACES AND APPLICATIONS

G. Hoepfner

Abstract: In this talk I will discuss results concerning the boundary value of homegeneous solutions of planar (system of) vector fields with analytic coefficients in one and several complex variables, and characterize it. The answer calls for a new class of atomic Hardy spaces. Some of the results described here are part of joint work of J. Hounie and L. A. C. dos Santos.