ALEXANDER BRUDNYI, University of Calgary Holomorphic Functions of Slow Growth on Coverings of Pseudoconvex Domains in Stein Manifolds

We study holomorphic functions of slow growth on coverings of pseudoconvex domains in Stein manifolds. In particular, we extend and strengthen certain results of Gromov, Henkin and Shubin on holomorphic L^2 functions on coverings of pseudoconvex manifolds in the case of coverings of Stein manifolds.