

The goal of the talk was to present the proof of the following result due to Bishop:

Theorem *Let U be a domain in \mathbb{C}^n and let A_n be analytic subsets of U of pure dimension k . Assume that $V_{2k}(A_n)$ is uniformly bounded and A_n converge to a closed set A in the Hausdorff sense of closed sets. Then A is an analytic subset of U .*