

Ann. Scuola Norm. Sup. Pisa Cl. Sci. (5)
Vol. IV (2005), 601-618

Local vs. global hyperconvexity, tautness or k -completeness for unbounded open sets in \mathbb{C}^n

NIKOLAI NIKOLOV AND PETER PFLUG

Abstract. Some known localization results for hyperconvexity, tautness or k -completeness of bounded domains in \mathbb{C}^n are extended to unbounded open sets in \mathbb{C}^n .

Mathematics Subject Classification (2000): 32A19 (primary); 32F45, 32Q45 (secondary).