
DAN JUPITER, Department of Systems Biology and Translational Medicine, College of Medicine, Texas A&M Health Science Center

Weak Stein Neighbourhood Bases

It is of interest to understand whether the closure of a pseudoconvex domain in \mathbb{C}^n has a neighbourhood basis of pseudoconvex domains. Another question of interest is to understand when holomorphic functions on a pseudoconvex domain can be approximated by holomorphic functions on a larger set. We discuss some aspects of the relationship between these two types of approximation properties.