
RASUL SHAFIKOV, University of Western Ontario

Meromorphic convexity on Stein manifolds

Rational convexity of compact subsets in complex Euclidean spaces is important in the approximation theory. I will discuss generalizations of rational convexity to Stein manifolds. I will then give a characterization of this type of convexity for a certain class of compacts in the spirit of Duval-Sibony, Guedj, and Nemirovski. This is joint work with B. Boudreaux and P. Gupta.