İSTANBUL ANALYSIS SEMINARS

ON DEFINING FUNCTIONS FOR UNBOUNDED DOMAINS

Nikolay SHCHERBINA

Bergische Universität Wuppertal
Faculty of Mathematics and Natural Sciences

Abstract: We discuss the problem of existence of plurisubharmonic defining functions for pseudoconvex domains in complex manifolds. For a given domain we also analyze the structure of the set where all such functions fail to be strictly plurisubharmonic.

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