

İSTANBUL ANALYSIS SEMINARS

ON EXTENSION PROPERTIES OF PLURICOMPLEX GREEN FUNCTION

S. Zeynep ÖZAL

Syracuse University
Department of Mathematics

Abstract: On Reinhardt domains containing the origin, the Green function with logarithmic pole at 0 is polyradial. This property of the function can be used to find it using an associated convex function in logarithmic coordinates. We use this relation to prove extension properties of pluricomplex Green functions on Reinhardt domains.

Date: June 8, 2012

Time: 17:00

Place: Sabancı University, Karaköy Communication Center
Bankalar Caddesi 2, Karaköy 34420, İstanbul