

Helsinki Analysis Seminar, Monday February 24, 2014
Niko Marola

ON THE GROWTH OF INFINITY HARMONIC FUNCTIONS IN UNBOUNDED CONVEX DOMAINS

I will discuss the growth rate of a solution to the nonlinear degenerate elliptic equation, the infinity harmonic equation,

$$-\sum_{i,j=1}^n u_{x_i} u_{x_j} u_{x_i x_j} = 0$$

in unbounded convex domains of \mathbb{R}^n . This talk reports on joint work with Seppo Granlund.