

MINIMUM SETS OF STRICTLY PLURISUBHARMONIC FUNCTIONS

ŻYWOMIR DINEW

A classical theorem of Harvey and Wells states that the minimum set of a \mathcal{C}^2 strictly plurisubharmonic function is contained in a \mathcal{C}^1 totally real hypersurface. We study the problem of characterizing the minimum sets when one drops the regularity assumptions. The talk is mainly focused on the 1-dimensional case. This is a joint work with Sławomir Dinew.

Jagiellonian University, Cracow, Poland
E-mail address: Zywomir.Dinew@im.uj.edu.pl