

THE 5TH SYMPOSIUM ON ANALYSIS & PDES

PURDUE UNIVERSITY, MAY 20–23, 2012

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Regularity of non-local minimal cones in dimension 2

Abstract. We show that the only nonlocal s -minimal cones in dimension two are the trivial ones for all parameters s in $(0, 1)$. We also discuss our methods in other more general settings. This is a joint work with E. Valdinoci.
