

Sheet happens (but only as the root of $1 - s$)

Enrico Valdinoci

University of Western Australia

`enrico.valdinoci@uwa.edu.au`

We discuss the regularity properties of two-dimensional stable s -minimal surfaces, presenting a robust $C^{2,\alpha}$ -estimate and an optimal sheet separation bound, according to which the distance between different connected components of the surface must be at least the square root of $1 - s$.