

1115-53-145

Ling Xiao* (lx70@math.rutgers.edu), Department of Mathematics, Rutgers University, 110 Frelinghuysen Rd., New Brunswick, NJ 08854. *A Level Set Approach for Motion by General Curvature.*

In this talk, I will introduce a level set approach to Ben Andrew's non-collapsing result, which provides a new way of understanding Ben Andrew's method. Moreover, this approach enables us to generalize Ben Andrew's result to weak solutions. (Received September 13, 2015)