

1061-53-115

Jingyi Chen* (jychen@math.ubc.ca), Department of Mathematics, The University of British Columbia, Vancouver, B.C. V6T 1Z2, Canada. *Recent progress on mean curvature flow for entire Lagrangian graphs.*

I will discuss some recent developments on mean curvature flow for entire Lagrangian graphs. This includes: existence of longtime solutions, uniqueness of solutions and self-similar solutions (translators, expanders and shrinkers). Most results that I will present are joint works with Albert Chau, Weiyong He, Chao Pang and Yu Yuan. (Received April 09, 2010)