

1144-53-133

Jingyi Chen* (jychen@math.ubc.ca), Department of Mathematics, The University of British Columbia, Vancouver, BC V6T1Z2, Canada. *Compactification of the space of Hamiltonian stationary Lagrangian submanifolds.*

In this talk, we will discuss sequential convergence of closed Hamiltonian stationary Lagrangian submanifolds in the complex Euclidean space, under the assumption that the volumes and the total extrinsic curvatures are uniformly bounded. A removable singularity result will also be discussed. This is joint work with Micah Warren. (Received August 21, 2018)