Monday's Nonstandard Seminar 33

15:00

Author: Piotr Rybka (University of Warsaw)

Title: **An example of convergence of gradient flows**

Abstract: We discuss the long time behavior of a high order convective Cahn-Hilliard equation. For this purpose we show that it is a gradient-like flow in the sense of Carvalho-Langa-Robinson. Once we achieve this, we may show stabilization of orbits by using a Hale-Raugel Theorem.

This is a joint work with Glen Wheeler.