

1021-35-124

Gieri Simonett* (gieri.simonett@vanderbilt.edu), Department of Mathematics, Vanderbilt University, Nashville, TN 37240, and **Jan Pruess**. *On the stability of Equilibria for the Stefan Problem with surface tension.*

In this talk I will characterize all the equilibria for the Stefan problem with surface tension, and analyze their stability properties in dependence of appropriate parameters. (Received August 31, 2006)