Thomas Bieske* (tbieske@math.usf.edu), 4202 E. Fowler Ave., PHY 114, Tampa, FL 33620.

A comparison principle for parabolic equations in the Heisenberg group.

We prove a comparison principle for a class of parabolic equations in the Heisenberg group and show the sufficiency of considering test functions that concern only the past. (Received September 11, 2006)