

1064-35-253

Aynur Bulut* (abulut@math.utexas.edu), Department of Mathematics, 1 University Station
C1200, Austin, TX 78712-0257. *The defocusing cubic energy-supercritical nonlinear wave equation
in dimensions six and higher.*

In this talk, we will consider the defocusing energy-supercritical nonlinear wave equation in dimensions six and higher. We show that any solution satisfying an a priori bound in a critical norm must be global and scatter. (Received September 11, 2010)