1099-35-185 **Mihaela Ifrim*** (ifrim@berkeley.edu) and **Daniel Tataru**. *Global bounds for the cubic nonlinear Schrödinger equation in one space dimension.*

This article is concerned with the small data problem for the cubic nonlinear Schrödinger equation (NLS) in one space dimension, and short rang modifications of it. We provide a new approach in order to prove that global solutions exist for data which is small in $H^{0,1}$. (Received February 07, 2014)