Geophysical Research Abstracts Vol. 14, EGU2012-10588, 2012 EGU General Assembly 2012 © Author(s) 2012



Interaction of breathers in the 2-D free surface hydrodynamics

A.I. Dyachenko, V.E. Zakharov, and D.I. Kachulin Landau Institute for Theoretical Physics, Russian Federation (alexd@itp.ac.ru)

Numerical simulations of interactions of breathers in the framework of "improved" Zakharov iquations support the hypothesis in integrability of the 2-D free surface hydrodynamics.