

Bona, Jerry

Blow-up phenomena in dispersive wave equations (Talk 1, joint talk with J-C Saut)

We review the different scenarios leading to the blow-up in finite time of solutions to linear or nonlinear dispersive equations.

We also give evidence that those phenomena are unlikely to be relevant explanations for rogue waves formation.

Abstract of talk given at ICMS Workshop on Rogue Waves December 2005.

www.icms.org.uk