

The Soliton Resolution Conjecture for the Benjamin-Ono Equation

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The soliton resolution conjecture for a dispersive equation claims that, in the long time asymptotics, every solution decouples as a sum of soliton solutions up to a radiative remainder.

I will discuss a recent proof of this conjecture in the special case of the Benjamin-Ono equation (in collaboration with Louise Gassot and Peter Miller).

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