Self-similar evolution in wave turbulence and nonequiliblium Bose-Einstein condensation.

Sergey Nazarenko

CNRS, Institut de Physique de Nice

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Abstract

I will discuss recent results about the self-similar evolution corresponding to non-equilibrium/turbulent Bose-Einsten condensation obtained by the direct numerical simulations of the 3D Nonlinear Schrodinger equation (NLSE), wave-turbulence kinetic equation derived from the 3D NLSE, and the differential approximation model for the latter kinetic equation.

Coauthors: V. Grenenev, S. Medvedev, B. Semisalov, V. Shukla, S. Thalabard