

SPEAKER:

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TITLE:

Oscillatory Riemann Hilbert problems and real variable methods

ABSTRACT:

In this talk I will describe some main ideas in an old work by myself and a recent joint work with Philip Gressman where we use real variable methods to study long-time behavior of oscillatory Riemann-Hilbert problems associated with one-dimensional nonlinear PDEs solvable by the method of inverse scattering transform.