

Direct and Inverse Scattering Transform for $n \times n$ spectral problems

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Abstract

This paper intend to present a generalization of the Inverse Scattering Transform approach for the case of evolution equations represented as zero curvature condition in the space of $n \times n$ complex matrices. As example, the Boussinesq equation was studied.

PACS numbers: 03.40.Kf, 47.20.Ky, 52.35.Sb