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Application of Hirota's bilinear formalism to the Toeplitz lattice - some special soliton-like solutions. (English) [Zbl 0985.35072](#)

Phys. Lett., A 293, No. 3-4, 161-165 (2002).

Summary: A Hirota's bilinear form of the Toeplitz lattice is presented. Hirota's bilinear method is used to construct some special soliton-like solutions of the lattice.

MSC:

[35Q53](#) KdV equations (Korteweg-de Vries equations)

[37K60](#) Lattice dynamics; integrable lattice equations

Cited in **42** Documents

Keywords:

Toeplitz lattice; Hirota's bilinear method; soliton-like solutions

Full Text: [DOI](#)

References:

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