

Exact Periodic-Wave Solutions to Nizhnik-Novikov-Veselov Equation

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Abstract: Exact periodic-wave solutions to the generalized Nizhnik-Novikov-Veselov (NNV) equation are obtained by using the extended Jacobi elliptic-function method, and in the limit case, the solitary wave solution to NNV equation are also obtained.

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Key words: extended Jacobi elliptic-function method, NNV equation, periodic-wave solutions

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