Soliton Solutions and Interaction Between a Line Soliton and a y-Periodic Soliton in Generalized (2+1)-Dimensional Nizhnik-Novikov- Veselov Equation

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Abstract: Using the variable separation approach, many types of exact solutions of the generalized (2+1)-dimensional Nizhnik-Novikov-Veselov equation are derived. One of the exact solutions of this model is analyzed to study the interaction between a line soliton and a y-periodic soliton.

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