

New Soliton-like Solutions to Variable Coefficients MKdV Equation

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Abstract: A further improved projective Riccati equation method is proposed. By applying it to solve the variable coefficients MKdV equation, we obtain many new-type soliton-like solutions to this equation.

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Key words: projective Riccati equation method, variable coefficients MKdV equation, soliton-like solutions

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