

New Solutions to Generalized mKdV Equation

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Abstract: Trial function method is applied to solve generalized mKdV (GmKdV for short) equations. It is shown that GmKdV equations with a real number parameter can be solved directly by this method without a transformation, and more new kinds of solitary wave solutions are obtained.

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Key words: GmKdV equation, solitary wave solution, trial function method

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