

Generalized tanh Method Extended to Special Types of Nonlinear Equations

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Z. Naturforsch. **57 a**, 692–700 (2002); received April 14, 2002

By some ‘pre-possessing’ techniques we extend the generalized tanh method to special types of nonlinear equations for constructing their multiple travelling wave solutions. The efficiency of the method can be demonstrated for a large variety of special equations such as those considered in this paper, double sine-Gordon equation, (2+1)-dimensional sine-Gordon equation, Dodd-Bullough-Mikhailov equation, coupled Schrödinger-KdV equation and (2+1)-dimensional coupled Davey-Stewartson equation. – Pacs: 03.40.Kf; 02.30.Jr.

Key words: Special Types of Nonlinear Equation; Travelling Wave Solution; Generalized Extended tanh Method; Symbolic Computation.