

New Exact Solutions for (2+1)-Dimensional Breaking Soliton Equation

PENG Yan-Ze

Department of Mathematics, Huazhong University of Science and Technology, Wuhan 430074, China
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Abstract: New exact solutions in terms of the Jacobi elliptic functions are obtained to the (2+1)-dimensional breaking soliton equation by means of the modified mapping method. Limit cases are studied, and new solitary wave solutions and triangular periodic wave solutions are obtained.

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Key words: exact solutions, (2+1)-dimensional breaking soliton equation, modified mapping method

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