

Soliton-Like Solutions for the (2+1)-Dimensional High-Order Broer-Kaup Equations

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(Received: 2000-6-20; Revised:)

Abstract: By using the extended homogeneous balance method, we give new soliton-like solutions for the (2+1)-dimensional high-order Broer-Kaup equations. Solitary wave solutions are shown to be a special case of the present results.

PACS: 03.40.Kf, 02.90.+p

Key words: (2+1)-dimensional high-order Broer-Kaup equations, extended homogeneous balance method, soliton-like solutions

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