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Explicit Exact Solutions for the (2+1)-Dimensional Higher-Order Broer-Kaup System

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Abstract: Using the modified extended tanh-function method, explicit and exact traveling wave solutions for the (2+1)-dimensional higher-order Broer-Kaup (HBK) system, comprising new soliton-like and period-form solutions, are obtained.

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Key words: modified extended tanh-function method, (2+1)-dimensional HBK system, soliton-like solutions, period-form solutions

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