ROGUE WAVES TO INTEGRABLE $(2+1)$-DIMENSIONAL MACCARI SYSTEM

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Abstract

In this paper, a multilinear variable separation solution for the integrable $(2+1)$-dimensional Maccari system is obtained by using the multilinear variable separation method. Appropriately selecting several arbitrary functions and arbitrary constants, two structures of rogue wave solutions are listed. These results contribute to a better understanding of the structure of the solutions and non-linear phenomena for Maccari system.