Chaotic Solitons for the (2+1)-Dimensional Modified Dispersive Water-Wave System

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With an improved mapping approach, a series of excitations of the (2+1)-dimensional modified dispersive water-wave (MDWW) system is derived. Based on the derived solitary wave excitation, we obtain some special chaotic solitons. – PACS numbers: 05.45.Yv, 03.65.Ge

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