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Invariant manifold of modified solitons for the perturbed sine-Gordon equation. (English)

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MSC:

- 35Q53 KdV equations (Korteweg-de Vries equations)
- 35L70 Second-order nonlinear hyperbolic equations
- 35C08 Soliton solutions
- 35B20 Perturbations in context of PDEs
- 35A24 Methods of ordinary differential equations applied to PDEs
- 35R01 PDEs on manifolds

Keywords:

soliton; iteration scheme; invariant manifold; sine-Gordon equation

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