MSC:

35Q53 KdV equations (Korteweg-de Vries equations)
37K20 Relations of infinite-dimensional Hamiltonian and Lagrangian dynamical systems with algebraic geometry, complex analysis, and special functions
35C05 Solutions to PDEs in closed form

Keywords:
direct Ansatz method; rational solitary wave solutions; rational periodic solutions

Software:
Maple; MACSYMA

Full Text: DOI

References:


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