

Integrability of Nonlinear Equations of Motion on Two-Dimensional World Sheet Space-Time

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Abstract: The integrability character of nonlinear equations of motion of two-dimensional gravity with dynamical torsion and bosonic string coupling is studied in this paper. The space-like and time-like first integrals of equations of motion are also found.

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Key words: two-dimensional gravity model, string coupling, integrability

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