

The Second mKdV Equation and Its Hereditary Symmetry and Hamiltonian Structure

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Abstract: The isospectral problem of the second mKdV equation is found out firstly. It follows that the strong hereditary symmetry and the Hamiltonian structure of the second mKdV equation are presented.

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Key words: the second mKdV equation, hereditary symmetry, Hamiltonian structure

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