

The Workshop on

Computational Differential Algebra and Related Topics, June 21-25, 2014

School of Mathematics, IPM, Tehran

On the Trivially Related Lax Pairs of the Sawada-Kotera Equation

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We show that a recently introduced Lax pair of the Sawada-Kotera equation is not a new one but is trivially related to the known old Lax pair. Using the so-called trivial compositions of the old Lax pairs with a differentially constrained arbitrary operators, we give some examples of trivial Lax pairs of KdV and Sawada-Kotera equations.

References

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