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Poisson cohomology of multidimensional Dubrovin-Novikov Poisson structures and their normal forms.

Friday, June 9, 2017 12:00 PM (40 minutes)

After a review of the theory of classification of dispersive Poisson and bi-Hamiltonian structures under Miura type transformations, we will present our recent results on the cohomology of scalar multidimensional Poisson structures of DN type and the complete classification of their dispersive deformations in the case of two independent variables.

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