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Flat structure on the orbit space of a complex reflection group

Abstract: In a joint work with M. Kato and J. Sekiguchi, we introduced flat coordinates and potential vector fields on the space of variables of isomonodromic deformations of an Okubo system. The monodromy groups of Okubo systems are closely related to complex reflection groups. In this talk, I would like to explain the construction of the flat structure on the orbit space of a well-generated complex reflection group G from an Okubo system whose monodromy group is isomorphic to G.