Title : "Compatible Poisson brackets related to Inönü--Wigner contractions of simple Lie algebras"

Abstract : Starting from two compatible Poisson brackets one can construct large families of Poissoncommutative subalgebras. Mishchenko--Fomenko subalgebras are manifestations of this phenomenon. Similarly to the MF setting, we consider pairs of Poisson structures on g^{*} for a reductive Lie algebra g. The first structure is given by the usual Lie bracket on g and the second one is related to a contraction of g. It turns out that the corresponding Poisson-commutative subalgebras have many interesting properties.