

Construction of \mathfrak{b} -semitoric systems

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In this talk I will discuss \mathfrak{b} -semitoric systems, a family of systems on \mathfrak{b} -symplectic manifolds that generalize semitoric systems. I will present a collection of examples of \mathfrak{b} -semitoric systems constructed from two classical semitoric systems: the coupled spin oscillator and the coupled angular momenta, and I will describe their dynamics through the image of their momentum maps. This is joint work with Joaquim Brugués, Sonja Hohloch and Eva Miranda.