Nonlinear Sciences > Exactly Solvable and Integrable Systems

Integrable Euler top and nonholonomic Chaplygin ball

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We discuss the Poisson structures, Lax matrices, r-matrices, bi-hamiltonian structures, the variables of separation and other attributes of the modern theory of dynamical systems in application to the integrable Euler top and to the nonholonomic Chaplygin ball.

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