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Investigation of isoenergy surfaces topology of integrable Hamiltonian systems by homotopy invariants and link surgery in 3-dimensional sphere

Fomenko–Zieschang invariants are complete invariant set of Liouville equivalence of integrable Hamiltonian systems. Computation of these invariants is much complicated task. If topology of isoenergy surface is known then some parts of invariants could be obtained in much more easier way. We will talk about homotopy invariants and how they help to investigate topological type of isoenergy surface.

SCIENTIFIC SEMINAR
"DIFFERENTIAL GEOMETRY AND APPLICATIONS"

headed by Academician of RAS Anatoly T. Fomenko

The seminar takes place online in ZOOM on Mondays
from 4:45 p.m. to 6:20 p.m. (Moscow time)
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