THE FIELDS INSTITUTE FOR RESEARCH IN MATHEMATICAL SCIENCES

DIRECTOR'S SEMINAR

SPEAKER:

SERGEY PRISHEPIONOK
Portland State University

On the Topic:

"Group Drift in Hamiltonian Systems"

Let G be a Lie Group acting on a symplectic manifold (M, ω) as a symmetry group of a Hamiltonian system with the Hamiltonian H. We study the group drift - "average" motion along the G-orbits with asymptotically constant velocity which appears over the domains of ergodic motion of reduced system.

Monday, April 5, 1993

4:00 pm, room 3018

at

The Fields Institute

Refreshments at 3:00 pm, Common Room