COLLOQUIUM
Mathematics Department
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연사 오용근
 (기초과학연구원,기하학 수리물리 연구단)

제목 Floer theory and Hamiltonian dynamics of Tonelli Hamiltonians

In this talk, I will explain how the analytical machinery of Floer homology can be used to study problems in Hamiltonian dynamics, especially in Aubry-Mather theory and weak KAM theory. As an application, we will explain how this can be used to generalize a result by M. -C. Arnaud to the class of Lipschitz-exact Lagrangians: any such Lagrangian submanifold must be a graph provided it is invariant under a Tonelli Hamiltonian. The latter result is based on the joint work with Amorim and Oliveira Dos Santos.

강연전 4:40부터 다과회가 있습니다.
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