Boğaziçi
MATH GRAD SEMINAR

A Counterexample to the Generalized Viterbo Conjecture

Cem Yalım Özel
Boğaziçi University

Abstract:We will present the recent counterexample to the generalized Viterbo conjecture due to Filip Broćić, Baptiste Serraille, and Ibrahim Trifa. After briefly stating the conjecture, we will focus on the construction. Starting from a Lagrangian system, we will pass to its Hamiltonian formulation and use a generating function to see how the spectral distance from the zero section can grow arbitrarily large within a fixed disc cotangent bundle.

Date : Wednesday, December 2, 2026
Time: 15:00
Place: TB130