

Stanford Department of Mathematics Colloquium

ADIABATIC LIMITS, SURGERY AND OPERATORS

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Abstract

Starting from the semiclassical limit in quantum mechanics I will describe the metric adiabatic limit for a fibration and certain surgery limits, their associated configuration spaces and Lie algebras (or groupoids) and related analytic results. As time permits I will also describe similar constructions for singular fibrations of Morse type.

Thursday, January 31
4:15 p.m.
Room 380-F

<http://math.stanford.edu/coll/0708/>