

A geometric characterization of Eyring-Kramers formula

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In this talk I will outline the recent result together with Vesa Julin and Lauri Viitasaari concerning a geometric characterization of the Eyring-Kramers formula that works also at degenerate saddle points, without resorting to Taylor expansions and explicit constructions. The main contribution is how we used the ideas from geometric function theory to prove a very general capacity estimate.