

1072-51-98

Sobhan Seyfaddini* (sobhan.sey@gmail.com). *C^0 -limits of Hamiltonian flows and the Oh-Schwarz spectral invariants.*

After briefly reviewing the Oh-Schwarz spectral invariants, we will write down an estimate, which under certain assumptions, relates the spectral invariants of a Hamiltonian to the C^0 -distance of its flow from the identity. We will also show that, unlike the Hofer norm, the spectral norm is C^0 -continuous on surfaces. Time permitting, we will present applications to the theory of Calabi quasimorphisms. (Received June 22, 2011)