

Siegel-Veech constants and quasimodular forms

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Siegel-Veech constants encode the asymptotics of the number of closed geodesics on flat surfaces, and they are related to Teichmüller dynamics by the Eskin-Kontsevich-Zorich formula. In this talk I will present some quasimodularity properties for generating functions of Siegel-Veech constants, in the vein of Eskin-Okounkov results. This is work in progress with Martin Möller, and it provides an alternative proof of the results of Chen-Möller-Zagier.