



Seminário de Geometria Diferencial USP-UNICAMP

Resolvent trace asymptotics on singular spaces

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Resumo: In his seminal work "Spectral Geometry of Singular Riemannian Spaces", Jeff Cheeger started an influential program on spectral analysis on stratified spaces with singular Riemannian metrics. The ultimate goal of the program is to establish resolvent trace asymptotics in this very general setting. We propose to discuss the development of Cheeger's program until the recent days.