

Spectral Geometry on stratified pseudomanifolds

Luiz Hartmann¹

¹ UFSCar

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 asymptotic in this very general setting. We propose to discuss the development of Cheeger's program until the recent days.