

FIM Minicourse

Simon Brendle (University of Stanford)

Rigidity Questions Involving Scalar Curvature

December 13 - 16, 2011

Tuesday 13.12., 15:15 - 17:00h

Friday 16.12., 09:15 - 11:00h

HG G 43, ETH Zürich, Rämistrasse 101

Abstract

We give a survey of various rigidity results involving scalar curvature. Many of these results are inspired by the positive mass theorem in general relativity. In particular, we discuss the recent solution of Min-Oo's Conjecture for the hemisphere, as well as Bray's volume comparison theorem.

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