

Deforming 3-Manifolds with Bounded Geometry and Uniformly Positive Scalar Curvature

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We prove that the moduli space of complete metrics with bounded geometry and uniformly positive scalar curvature of a given 3-manifold is path-connected, generalizing Marques theorem for compact manifolds.

This is a joint work with G. Besson, S. Maillot and F.C. Marques.