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*Integral pinching for the Ricci flow on asymptotically flat manifolds*

There are many curvature pinching results for the Ricci flow in compact settings, from Hamilton's initial work to work of Brendle–Schoen and others. I will discuss curvature pinching in a noncompact setting: the Ricci flow starting from an asymptotically flat manifold with integral curvature sufficiently pinched exists for all positive times and converges to flat space.