The greatest lower bound

on Ricci curvature in complexity one

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The greatest lower bound on the Ricci curvature, R(X), measures how far a Fano manifold is from being Einstein. In the toric case Li gave a beautiful formula for R(X): it measure how far the barycenter of the moment polytope is from the origin.

In this talk I will show how this result can be generalized to complexity one.