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Title: amenable actions of nonamenable groups.

Abstract: We pull back paradoxical dynamical systems (e.g. hyperbolic groups acting on their Gromov boundary), to paradoxical decompositions of the acting group itself.

This allows to show that whenever such groups admit a minimal amenable topologically free action on a compact Hausdorff space, the attached crossed product C^* -algebra is classified by K-theoretic data. This is joint work with Eusebio Gardella, Julian Kranz, and Petr Naryshkin.