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Proper affine deformations of positive representations

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For every positive Anosov representation of a free group into $SO(2n, 2n - 1)$, we define a family of cocycles giving rise to proper affine actions with the given linear part on $4n - 1$ -dimensional real affine space. Furthermore, we use higher-dimensional versions of Drumm's crooked planes to construct fundamental domains for these actions. This is joint work with Jean-Philippe Burelle.

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