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231 West 18th Avenue, Columbus, OH 43210. *Badly approximable systems of affine forms,
fractals, and Schmidt games.*

We show that various subsets of badly approximable systems of affine forms, which we can even intersect with a suitable fractal, are winning in the sense of Schmidt games and thus have full Hausdorff dimension and the countable intersection property. Hence, the intersection over a countable family of winning sets for the suitable fractal also has full Hausdorff dimension. (Received March 02, 2009)