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*On the distribution of orbits in affine varieties.*

Given an affine variety  $X$ , a morphism  $\phi : X \rightarrow X$ , a point  $\alpha \in X$ , and a Zariski closed subset  $V$  of  $X$ , we show that the forward  $\phi$ -orbit of  $\alpha$  meets  $V$  in at most finitely many infinite arithmetic progressions, and the remaining points lie in a set of Banach density zero. This may be viewed as a weak asymptotic version of the Dynamical Mordell-Lang Conjecture for affine varieties. The results hold in arbitrary characteristic, and the proof uses methods of ergodic theory applied to compact Berkovich spaces. A more general result has been independently obtained, using different methods, by Bell-Ghioca-Tucker and Gignac. (Received September 15, 2015)