
Abstract: For a self-map $f$ from $S$ to $S$ (one may take $S$ to be $g$-tuples of complex numbers) and a point $q$ in $S$, the orbit set of $q$ under $f$ is the set of points \{$g, f(q), f(f(q)), \ldots$\}. What can be said about the intersection between the orbit set and a hypersurface $H$? Results will be discussed in the case where $f$ is a linear map which culminates in a uniform bound for the dynamical Mordell-Lang conjecture for linear maps.